SENATE

 $\begin{array}{c} {\rm Report} \\ 104\text{--}286 \end{array}$

DEPARTMENT OF DEFENSE APPROPRIATION BILL, 1997

JUNE 20, 1996.—Ordered to be printed

Mr. Stevens, from the Committee on Appropriations, submitted the following

REPORT

[To accompany S. 1894]

The Committee on Appropriations reports the bill (S. 1894) making appropriations for the Department of Defense for the fiscal year ending September 30, 1997, and for other purposes, reports favorably thereon and recommends that the bill do pass.

New obligational authority

Total of bill as reported to Senate	\$244,744,904,000
Total of 1997 budget estimate	234,578,433,000
Amount of fiscal year 1996 enacted	243,406,197,000
The bill as reported to the Senate:	
Above fiscal year 1997 budget estimate	10,166,471,000
Over enacted appropriations for fiscal year	
1996	

CONTENTS

Background: Pag	gе
P	4
	4
	4
Compliance with 602(b) allocation	5
Budgetary impact of the bill	5
TITLE I—MILITARY PERSONNEL	
Military and an all	c
	6
	9
Military personnel, Navy	
Military personnel, Marine Corps 10 Military personnel, Air Force 11	
Reserve personnel, Army 1	
Reserve personnel, Navy	
National Guard personnel, Army 1: National Guard personnel, Air Force 1:	
National Guard personnel, Air Force	J
TITLE II—OPERATION AND MAINTENANCE	
Operation and maintenance overview	4
Servicewide operation and maintenance programs	5
Operation and maintenance, Army 19	9
Operation and maintenance, Navy	3
Operation and maintenance, Marine Corps	6
Operation and maintenance, Air Force	8
Operation and maintenance, defense-wide	1
Operation and maintenance. Army Reserve	5
Operation and maintenance, Navy Reserve	5
Operation and maintenance, Marine Corps Reserve	5
Operation and maintenance. Air Force Reserve	6
Operation and maintenance, Army National Guard	6
Operation and maintenance, Air National Guard	7
Court of Military Appeals	7
Environmental restoration, defense	8
Former Soviet Union threat reduction	0
Overseas humanitarian, disaster, and civic aid	0
TITLE III—PROCUREMENT	
Estimates and appropriation summary	1
Aircraft procurement, Army	5
Missile procurement, Army	8
Procurement of weapons and tracked combat vehicles, Army	1
Procurement of ammunition, Army	3
Other procurement, Army 5'	7
Aircraft procurement, Navy	
Weapons procurement, Navy	7
Shipbuilding and conversion, Navy	
Other procurement, Navy	
Procurement, Marine Corps	7
Aircraft procurement, Air Force 80	0
Missile procurement, Air Force	5

	Page
Other procurement, Air Force	89
Procurement, defense-wide National Guard and Reserve equipment	92 96
National Guard and Reserve equipment	90
TITLE IV—RESEARCH, DEVELOPMENT, TEST AND EVALUATION	
Summary of Committee action	99
Research, development, test, and evaluation, Army	100
Research, development, test, and evaluation, Navy	111
Research, development, test, and evaluation, Air Force	$\frac{119}{127}$
Developmental test, and evaluation, defense	138
Operational test and evaluation, defense	139
TITLE V—REVOLVING AND MANAGEMENT FUNDS	
TITLE V—REVOLVING AND MANAGEMENT FUNDS	
Defense business operations funding adjustments	140
National defense sealift fund	140
TITLE VI—OTHER DEPARTMENT OF DEFENSE APPROPRIATIONS	
Chemical agents and munitions destruction, defense	141
Defense Health Program	143
Drug interdiction and counterdrug activities, defense	147
Office of the Inspector General	150
TITLE VII—RELATED AGENCIES	
Central Intelligence Agency retirement and disability system fund	151
TITLE VIII	
General provisions	152
Compliance with paragraph 7(c), rule 16, standing rules of the Senate	158
Compliance with paragraph 7(c), rule 26, standing rules of the Senate	158
Compliance with paragraph 12, rule 26, standing rules of the Senate	159

BACKGROUND

PURPOSE OF THE BILL

This bill makes appropriations for the military functions of the Department of Defense for the period October 1, 1996, through September 30, 1997. Functional areas include the pay, allowances, and support of military personnel, operation and maintenance of the forces, procurement of equipment and systems, and research, development, test, and evaluation. Appropriations for military assistance, military construction, family housing, nuclear warheads, and civil defense are provided in other bills.

HEARINGS

The Subcommittee on Department of Defense Appropriations began hearings on the fiscal year 1997 budget request on March 6, 1996, and concluded them on June 18, 1996, after 10 separate sessions. The subcommittee heard testimony from representatives of the Department of Defense, other Federal agencies, representatives of organizations, and the public.

SUMMARY OF THE BILL

The Committee considered a total fiscal year 1997 budget request of \$234,678,433,000 in new obligational authority for the military functions of the Department of Defense, excluding military assistance, military construction, family housing and civil defense. The following table displays the recommendations for each title:

[In thousands of dollars]

	Fiscal year 1996 enacted	Fiscal year 1997 request	Committee recommendation
Title I—Military personnel	69,191,008	69,782,830	69,802,587
Title II—Operation and maintenance	81,597,627	78,462,166	78,956,595
Title III—Procurement	44,069,316	38,137,109	44,124,082
Title IV—Research, development, test, and		, ,	, ,
evaluation	36,490,109	34,745,672	37,434,464
Title V—Revolving and management		, ,	
funds	1,902,920	1,910,902	2,040,902
Title VI—Other Department of Defense pro-	, ,	, ,	, ,
grams	11,765,266	11,208,830	11,942,736
Title VII—Related agencies	337,083	303,239	294,039
Title VIII—General provisions	-1,947,132	27,685	149,499
(Additional transfer authority)	(3,100,000)	(2,000,000)	(1,200,000)
Total, Department of Defense	243,406,197	234,578,433	244,744,904
Scorekeeping adjustments	-1,338,900	100,000	
Grand total	242,067,297	234,678,433	244,744,904

CLASSIFIED PROGRAM ADJUSTMENTS

The Committee recommends adjustments to certain classified programs, as explained in the classified annex to the Committee's report.

COMPLIANCE WITH 602(B) ALLOCATION

The Appropriations Committee conformed fully to the budget resolution for defense spending in its 602(b) allocation. This allocation divided the budget authority and outlays among the subcommittees with jurisdiction over discretionary spending. The Defense Subcommittee has the greatest share of defense spending. In this recommended bill, the Appropriations Committee has remained within the tight constraints of its 602(b) allocation for defense.

BUDGETARY IMPACT OF BILL

PREPARED IN CONSULTATION WITH THE CONGRESSIONAL BUDGET OFFICE PURSUANT TO SEC. 308(a), PUBLIC LAW 93-344, AS AMENDED

[In millions of dollars]

	Budget authority		ity Outlays	
	Committee allocation	Amount of bill	Committee allocation	Amount of bill
Comparison of amounts in the bill with Committee allocations to its subcommittees of amounts in the First Concurrent Resolution for 1997: Subcommittee on Defense:				
Defense discretionary	244,565	244,561	242,985	1 242,980
Nondefense discretionary			12	12
Violent crime reduction fund				
Mandatory	196	184	196	184
Projections of outlays associated with the rec- ommendation:				
1997				² 162.431
1998				47,497
1999				18,586
2000				8,220
2001 and future year				5,971
Financial assistance to State and local govern-				,
ments for 1997 in bill	NA		NA	

NA: Not applicable.

 $^{^{\}rm 1}\,{\rm lncludes}$ outlays from prior-year budget authority. $^{\rm 2}\,{\rm Excludes}$ outlays from prior-year budget authority.

TITLE I

MILITARY PERSONNEL

Funds appropriated under this title provide for pay and allowances, permanent change of station travel, and various other personnel costs for uniformed members of the Armed Forces. The Committee recommends funding for an active duty military personnel level of 1,457,366 for fiscal year 1997, 366 positions above the level requested in the President's fiscal year 1997 budget. The Committee recommends funding for a Reserve and National Guard personnel level of 902,433 for fiscal year 1997, 1,510 positions above the level requested in the budget estimate.

A total of \$69,782,830,000 is requested in the President's fiscal

A total of \$69,782,830,000 is requested in the President's fiscal year 1997 budget for military personnel appropriations. This request includes \$60,668,952,000 for active duty forces and \$9,113,878,000 for the Reserves and Guard.

SUMMARY OF COMMITTEE ACTION

The Committee recommends appropriations totaling \$69,802,587,000 in title I, military personnel, for fiscal year 1997. This amount is \$19,757,000 above the budget estimate.

Committee appropriation recommendations are displayed in the following table:

SUMMARY OF MILITARY PERSONNEL APPROPRIATIONS, TITLE I

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Active Force:			
Army	20,580,738	20,559,042	-21,696
Navy	16,942,956	16,943,581	+625
Marine Corps	6,102,108	6,099,182	-2,926
Air Force	17,043,150	17,021,810	-21,340
Subtotal	60,668,952	60,623,615	- 45,337
Guard/Reserve:			
Army Reserve	2,043,679	2,052,136	+8,457
Navy Reserve	1,386,306	1,396,989	+10,683
Marine Corps Reserve	381,143	389,325	+8,182
Air Force Reserve	775,967	785,842	+9,875
Army National Guard	3,242,493	3,259,169	+16,676
Air National Guard	1,284,290	1,295,511	+11,221
Subtotal	9,113,878	9,178,972	65,094
Total, military personnel	69,782,830	69,802,587	19,757

The following table summarizes adjustments to the 1997 man-power request for Active, Guard, and Reserve Forces.

RECOMMENDED END STRENGTH

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Active Force:			
Army	495,000	495,000	
Navý	406,900	407,266	+366
Marine Corps	174,000	174,000	
Air Force	381,100	381,100	
Subtotal	1,457,000	1,457,366	+ 366
Guard/Reserves:			
Army Reserve	214,925	215,179	+254
Navy Reserve	95,941	95,941	
Marine Corps Reserve	42,000	42,000	
Air Force Reserve	73,281	73,377	+96
Army National Guard	366,758	366,758	
Air National Guard	108,018	109,178	+1,160
Subtotal	900,923	902,433	+ 1,510
Total, military personnel	2,357,923	2,359,799	+ 1,876

FULL-TIME SUPPORT STRENGTHS

The Committee recommends Guard and Reserve full-time support end strength of 129,994 for fiscal year 1997, 921 positions above the budget estimate. The following table summarizes adjustments to the 1997 Guard and Reserve full-time support end strength.

GUARD AND RESERVE FULL-TIME SUPPORT END STRENGTHS

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Army Reserve:			
AGR	11,550	11,804	+ 254
Technicians	6,799	6,799	
Navy Reserve TAR	16,506	16,506	
Marine Corps Reserve	2,559	2,559	
Air Force Reserve:			
AGR	625	625	
Technicians	9,704	9,704	
Army National Guard:		·	
AGR	23,040	23,040	
Technicians	25,500	25,500	
Air National Guard:		·	
AGR	10,129	10,403	+ 274
Technicians	22,881	23,274	+ 393
Total:			
AGR/TAR	64.409	64.937	+ 528
Technicians	64.884	65,277	+ 393

PAY RAISE

The President's fiscal year 1997 budget request recommends a 3-percent pay raise for military personnel. The Committee supports this pay increase to help ensure that military compensation remains attractive and competitive with private sector pay and that the military services continue to attract and retain highly qualified people. This increase is effective January 1, 1997.

BASIC ALLOWANCE FOR QUARTERS

The President's fiscal year 1997 budget request recommends a 3-percent increase in basic allowance for quarters. The Committee believes that military personnel should receive a larger increase in their allowance for quarters effective January 1, 1997. Accordingly, the Committee recommends an increase of 4 percent in basic allowance for quarters, an addition of \$36,777,000 to the fiscal year 1997 budget request.

FORCE STRUCTURE CHANGES

P–3 squadrons.—The Committee recommends an increase in the Navy end strength and funding to sustain the maritime patrol aircraft force structure at 13 active squadrons in fiscal year 1997. An additional 366 end strength and \$15,500,000 in the "Military personnel" appropriation and \$10,600,000 in the "Operations and maintenance" appropriation is associated with this change.

MANNING OF JUNIOR ROTC INSTRUCTOR POSITIONS

The Committee recognizes the importance of the Junior ROTC program in promoting citizenship, leadership, and physical fitness among a growing number of American youth. In its action on the Fiscal Year 1993 Defense Authorization Act, the Congress enacted an expansion of the program to a currently authorized ceiling of 2,900 sites. Instructors for the program have been drawn from active duty retirees who serve as excellent role models; however, the Committee also recognizes the growing responsibility of the Reserves components in defense efforts, and believes that an expansion of Junior ROTC instructor eligibility, to include members of the Reserves and National Guard, would be consistent with those expanding responsibilities. Moreover, such an expansion could enrich the diversity of experience embodied by the Junior ROTC instructor force. Therefore, the Committee directs the Secretary of Defense to submit a plan not later than April 30, 1997, establishing the role for members of the Reserve components to serve as instructors within the Junior ROTC program.

PERMANENT CHANGE OF STATION COSTS

The Committee is concerned with the excessive amount of funding that the Department of Defense expends each year for permanent change of station [PCS] travel. In the President's budget request for fiscal year 1997, the Department budgeted a total of \$2,742,873,000 for expenses incident to PCS travel of military personnel. PCS travel costs include a variety of allowances and entitlements, transportation of household goods, travel of military and family members, and other associated expenses.

Frequently, the services' overall annual PCS requirements exceed the amount budgeted. This frequently results in PCS moratoriums during the summer months, causing excessive turmoil for service members and their families.

The Committee believes that the Department can achieve greater efficiencies and savings in these accounts while reducing the amount of turbulence for military members and their families. The Committee directs the Department to reduce the level of funds budgeted for PCS moves in the fiscal year 1998 budget submission by 5 percent. This should be accomplished by a variety of initiatives, such as: changing personnel policies which govern rotational moves; extending tour lengths within the continental United States; seeking to reassign personnel at the same camp, post, installation, or base for career advancement; and maximizing opportunities to reduce PCS costs.

The major portion of the DOD's PCS costs are in the active military personnel appropriations. To help initiate this process of reducing the number and frequency of PCS moves, the Committee has adjusted the fiscal year 1997 military personnel appropriations by 4 percent, as follows:

Service	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Army	\$1,032,000,000	\$990,720,000	- \$41,280,000
Navy	594,000,000	570,240,000	-23,760,000
Marine Corps	229,000,000	219,840,000	-9,160,000
Air Force	823,000,000	790,080,000	-32,920,000
Army Reserve	15,240,000	15,240,000	
Navy Reserve	25,270,000	25,270,000	
Marine Corps Reserve	864,000	864,000	
Air Force Reserve	1,718,000	1,718,000	
Army National Guard	20,865,000	20,865,000	
Air National Guard	916,000	916,000	
Total	2,742,873,000	2,635,573,000	- 107,120,000

DENTAL INCENTIVE PAY

The Committee recommends an increase of \$8,600,000 over the President's budget request for military speciality pay. This would increase the special pay, additional special pay, and board certified pay for certain dental officers of the Armed Forces. The Committee recognizes the challenges that the Department faces in recruiting and retaining quality dentists.

MILITARY PERSONNEL, ARMY

Appropriations, 1996	\$19,946,187,000
Budget estimate, 1997	
Committee recommendation	20.559.042.000

The Committee recommends an appropriation of \$20,559,042,000 for fiscal year 1997. This request is \$21,696,000 below the budget request. All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]			
$\begin{array}{c} Program & \begin{array}{c} Committee \\ adjustment \end{array} \\ Basic allowance for quarters & 10,784 \\ Special duty pay for Special Operations Forces & 6,400 \\ Dental officer specialty pay & 2,400 \\ PCS reduction & -41,280 \\ \hline Total adjustments & -21,696 \end{array}$			
Recommended appropriation			
MILITARY PERSONNEL, NAVY			
Appropriations, 1996 \$17,008,563,000 Budget estimate, 1997 16,942,956,000 Committee recommendation 16,943,581,000			
The Committee recommends an appropriation of \$16,943,581,000 for fiscal year 1997. This request is \$625,000 above the budget request. All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:			
[In thousands of dollars]			
ProgramCommittee adjustment adjustmentBasic allowance for quarters9,885P-3 squadron10,600Dental officer specialty pay3,900PCS reduction $-23,760$			
Total adjustments			
Recommended appropriation			
MILITARY PERSONNEL, MARINE CORPS			
Appropriations, 1996 \$5,885,740,000 Budget estimate, 1997 6,102,108,000 Committee recommendation 6,099,182,000			
The Committee recommends an appropriation of \$6,099,182,000 for fiscal year 1997. This request is \$2,926,000 below the budget request. All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:			
[In thousands of dollars]			
Committee adjustment			
Program Basic allowance for quarters			
Total adjustments2,926			
Recommended appropriation 6,099,182			
MILITARY PERSONNEL, AIR FORCE			
Appropriations, 1996 \$17,207,743,000 Budget estimate, 1997 17,043,150,000 Committee recommendation 17,021,810,000			

The Committee recommends an appropriation of \$17,021,810,000 for fiscal year 1997. This request is \$21,340,000 below the budget request.

All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]

Program	Committee adjustment
Basic allowance for quarters	
PCS reduction	-32,920
Total adjustments	-21,340
Recommended appropriation	17,021,810

FORCE STRUCTURE CHANGES

Fighter force structure.—The Committee rejects the President's budget initiative to reduce the Air National Guard fighter primary authorized aircraft [PAA] from 15 to 12. Accordingly, the Committee recommends an increase of \$8,500,000 in military personnel and \$50,800,000 in operation and maintenance funding to maintain 15 PAA in fiscal year 1997.

C-130 force structure.—The Committee recommends an increase of \$2,000,000 in military personnel and \$6,700,000 in operation and maintenance funding for the Air National Guard to maintain C-130 units at 12 primary authorized aircraft [PAA].

RESERVE PERSONNEL, ARMY

Appropriations, 1996	\$2,122,466,000
Budget estimate, 1997	2,043,679,000
Committee recommendation	2,052,136,000

The Committee recommends an appropriation of \$2,052,136,000 for fiscal year 1997. This is \$8,457,000 above the budget request.

All recommended adjustments to the budget request, including those items discussed elsewhere in the report, are summarized below:

[In thousands of dollars]

Program	$Committee \ adjustment$
Basic allowance for quarters	
Full-time support	8,000
Total adjustments	8,457
Recommended appropriation	2,052,136

RESERVE PERSONNEL, NAVY

Appropriations, 1996	\$1,355,523,000
Budget estimate, 1997	1,386,306,000
Committee recommendation	1.396.989.000

The Committee recommends an appropriation of \$1,396,989,000 for fiscal year 1997. This is \$10,683,000 above the budget request.

All recommended adjustments to the budget request, including those items discussed elsewhere in the report, are summarized below:

[In thousands of dollars]	
Program	Committee adjustment
Basic allowance for quarters	683 10,000
Total adjustments	10,683
Recommended appropriation	1,396,989
RESERVE PERSONNEL, MARINE CORPS	
Budget estimate, 1997	78,151,000 81,143,000 89,325,000
The Committee recommends an appropriation of \$389,325 fiscal year 1997. This request is \$8,182,000 above the buguest.	
All recommended adjustments to the budget request, i those items discussed elsewhere in this report, are sumbelow:	
[In thousands of dollars]	

[In thousands of dollars]

Program	Committee adjustment
Active duty special work	8,000 182
basic allowance for quarters	
Total adjustments	8,182
Recommended appropriation	389,325

RESERVE PERSONNEL, AIR FORCE

Appropriations, 1996	\$784,586,000
Budget estimate, 1997	775,967,000
Committee recommendation	785,842,000

The Committee recommends an appropriation of \$785,842,000 for fiscal year 1997. This request is \$9,875,000 above the budget request.

All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]

Program	Committee adjustment
Basic allowance for quarters	275
Family support centers Base realignment delay	600
Base realignment delay	9,000
Total adjustments	9,875
Recommended appropriation	785,842

Family support centers.—The Committee recommends an increase of \$600,000 to provide an additional 96 reservists in support of the Air Force Reserve family support program.

Base realignment delay.—The base closure date of Chicago O'Hare IAP Air Reserve Station, IL, was scheduled for fiscal year 1996. The closure date has now slipped to June 1997. The Committee recommends an additional \$9,000,000 to support 1,150 Air Force reservists during fiscal year 1997.

NATIONAL GUARD PERSONNEL, ARMY

Appropriations, 1996	\$3,242,422,000
Budget estimate, 1997	3,242,493,000
Committee recommendation	3,259,169,000

The Committee recommends an appropriation of \$3,259,169,000 for fiscal year 1997. This is \$16,676,000 above the request.

All recommended adjustments to the budget request, including those items discussed elsewhere in the report, are summarized below:

[In thousands of dollars]

Program	Committee adjustment
Basic allowance for quarters	1,676
School/special training	15,000
Total adjustments	16,676
Recommended appropriation	3,259,169

NATIONAL GUARD PERSONNEL, AIR FORCE

Appropriations, 1996	\$1,259,627,000
Budget estimate, 1997	1,284,290,000
Committee recommendation	1.295.511.000

The Committee recommends an appropriation of \$1,295,511,000 for fiscal year 1997. This is \$11,221,000 above the request.

All recommended adjustments to the budget request, including those items discussed elsewhere in the report, are summarized below:

Program	Committee adjustment
Basic allowance for quarters	721
Fighter force structure	8,500
C-130 force structure	2,000
Total adjustments	11,221
Recommended appropriation	1,295,511

TITLE II

OPERATION AND MAINTENANCE

The Committee recommends appropriations totaling \$78,956,595,000 in title II, operation and maintenance, for fiscal year 1997. This is \$494,429,000 above the budget estimate. The Committee also recommends that \$150,000,000 be transferred from the national defense stockpile transaction fund. The Committee recommendations, by appropriation account, are compared with the budget estimate in the following table:

SUMMARY OF OPERATION AND MAINTENANCE

[In thousands of dollars]

	1997 budget estimate	Committee recommendation	Change from budget estimate
0&M:			
Army	18,031,145	17,700,859	-330,286
Transfer—stockpile	(83,334)	(50,000)	(-33,334)
Navy	20,112,864	20,241,517	+128,653
Transfer—stockpile	(83,333)	(50,000)	(-33,333)
Marine Corps	2,203,777	2,275,977	+72,200
Air Force	17,830,122	17,331,309	-498,813
Transfer—stockpile	(83,333)	(50,000)	(-33,333)
Defense-wide	10,156,468	9,953,142	-203,326
Army Reserve	1,084,436	1,129,436	+45,000
Navy Reserve	843,927	861,527	+17,600
Marine Corps Reserve	99,667	115,367	+15,700
Air Force Reserve	1,488,553	1,494,953	+6,400
Army National Guard	2,208,477	2,294,477	+86,000
Air National Guard	2,654,473	2,721,973	+67,500
Contingency operations transfer account		1,069,957	+1,069,957
Court of Military Appeals	6,797	6,185	-612
Environmental restoration:			
Army	356,916	356,916	
Navy	302,900	302,900	
Air Force	414,700	414,700	
Defense-wide	258,500	38,650	-219,850
Formerly used defense sites		269,850	+269,850
Former Soviet Union threat reduction	327,900	327,900	
Humanitarian assistance	80,544	49,000	-31,544
	78,462,166	78,956,595	+ 494,429
By transfer	250,000	150,000	(-100,000)
Total funds available	78,712,166	79,106,595	+ 394,429

OPERATION AND MAINTENANCE OVERVIEW

Appropriations under this title finance the cost of operating and maintaining U.S. Armed Forces, including Guard and Reserve com-

ponents and Department of Defense agencies. These funds are used to purchase fuel and spare parts for training activities, pay civilian personnel, purchase supplies, equipment and service contracts for repairing weapons systems and facilities, and finance other person-

nel support programs.

The Committee's operation and maintenance recommendations have been formulated based upon numerous considerations. Maintaining readiness requires dedicated vigilance and is a perishable asset. The balancing act dictated by the President's proposed decline in defense budgets requires constant attention. With the pace and nature of military operations today, it is more critical than ever to ensure that readiness not be jeopardized.

It is recognized that the services have struggled to quantify and track readiness precisely and yet, underfunded budget requests have become the standard. The Committee has faced difficult choices and has worked to ensure that the funding for critical readiness areas be restored to levels that will leave neither the country

nor our military personnel at risk.

The recommendations of the Committee emphasize these concerns and underscore the importance that quality of life initiatives not be forgotten or shortchanged in the process. Underfunding these areas will only serve to aggravate the degradation of force readiness.

SERVICEWIDE OPERATION AND MAINTENANCE PROGRAMS

O&M SUPPORT OF MILITARY FORCES

DEPOT MAINTENANCE RMS PROGRAM

The Committee shares the concerns of the Senate Armed Services Committee regarding the viability of the Reliability, Maintainability, and Sustainability [RMS] Program and has redistributed the funding from the Defense Logistics Agency among the services' operation and maintenance accounts.

SPARE AND REPAIR PARTS

The General Accounting Office has reported a significant problem within the services of overstating requirements for spare and repair parts. With the recognized concerns over maintaining readiness while improving modernization, the services should make every effort to avoid inflating estimates for such items. The Committee recommends a decrease in the services' budget requests to encourage resolution of this issue.

BARRACKS RENOVATION INITIATIVE

Last year, the Committee added \$300,000,000 to the service accounts to be used solely for the repair and improvement of barracks and housing for single service members. It remains clear to the Committee that the condition of the barracks for single military members continues to deteriorate, despite the laudable efforts of some base commanders. Therefore, the Committee has recommended adding nearly \$280,000,000 for this same purpose at sites within the United States, in addition to amounts presented in the budget.

The Committee directs each service to provide a list of projects funded with this increase and the obligation status of each project to the Committees on Appropriations no later than January 15, 1997.

BASE OPERATING SUPPORT

The Committee remains concerned with the continuing pattern of underfunding base operating support [BOS] by the services in their annual budget submissions. An additional \$190,000,000 has been included in the Committee's recommendation; however, the services are urged to take responsibility for funding these readiness-impacting requirements in future submissions.

USTRANSCOM EFFICIENCIES

The Committee has taken no direct action this year to reduce funding for operational support aircraft. However, the Committee has reduced funding in the services' accounts in anticipation of efficiencies promised by the Deputy Secretary of Defense's consolidation plan and will watch with great interest as this effort goes forward. The Committee maintains some reservations over this venture and may be compelled to take action to reverse it, if savings are not forthcoming or the plan is seen to be overreaching its original charter.

ADMINISTRATIVE COSTS

PENTAGON RESERVATION PROGRAM

The Committee again directs that funding for the Pentagon's renovation be consolidated in the "Operation and maintenance, defense-wide" account. The Committee recommendation of \$83,100,000 reduces the President's request by \$54,600,000 as a result of the delay in program execution. This reduction includes the funding for wedge 1 and the moving expenses associated with this effort. The remaining funding is provided for rental of the swing space and other operating costs.

NATO HEADQUARTERS FUNDING

The Committee directs that funding in support of NATO head-quarters continue to be maintained at a level consistent with fiscal year 1995 levels and reduces the Army's request to this level. Additionally, in response to the Department's January 1996 Bosnia reprogramming request, the Committee directed that infrastructure funding requests be submitted to the Military Construction Subcommittee. Since the Army has executive agent responsibilities for NATO funding, all budgeting requests for NATO support should be included in this single line and subsequently, the Committee denies the Navy request for NATO infrastructure funding.

BEEF AND SALMON PURCHASES

The Committee encourages the Secretary to pursue additional purchases of beef and salmon if the Secretary determines that cost savings can be realized due to relatively low prices.

FUEL TAX CREDITS

The Air Force and Army Audit Agencies reported that the services have failed to pursue Federal excise tax refunds for which they are entitled. GAO states that obtaining these tax refunds would allow the Army and Air Force to purchase the same amount of fuel with less appropriated funds in fiscal year 1997. Subsequently, the Committee reduces the Army and Air Force operation and maintenance accounts by \$8,500,000 and \$13,500,000, respectively.

FINANCIAL MANAGEMENT CONCERNS

DFAS INITIATIVES

The Committee endorses the efforts undertaken by the Department of Defense to address longstanding deficiencies in its account-

ing and financial management processes and systems.

DFAS is the lynchpin for resolving DOD's financial management weaknesses, and should continue its efforts to become more customer-driven, more standardized and better trained. The Committee believes that DFAS should reconsider the pace of its consolidations in order to focus more attention on improving processes and systems, and becoming more integrated. This approach allows time to adequately train people and overcome the learning curve problem now experienced by some customers. The Under Secretary shall undertake a comprehensive review of these issues and present the findings of this assessment to the Committees on Appropriations prior to the first consolidation announcement in fiscal year 1997.

Systems are the key to making real improvements in DOD's financial management, but it is important to recognize that systems without processes will not improve finance and accounting over the long term. Efforts to standardize accounting systems must be a priority and should include the implementation of a standard general ledger and standard data elements, as well as other key accounting requirements defined by DFAS. In addition, efforts to standardize finance systems should continue to be a priority. These efforts more

directly affect personnel serving around the world.

In addition, the Committee believes DFAS should be more accountable to its customers and to Congress. The Committee directs DFAS to investigate ways to provide better billing information to its customers—finding better ways to associate its charges with the services provided and new methods to present data, including direct labor, direct material, computer operations, general and administrative overhead. DFAS should continue its efforts to develop standard performance measurements for the customers and work diligently with customers to develop performance measurements relevant to them. The Under Secretary shall present the findings of this review and the progress of the performance measurement effort to the Committees on Appropriations not later than December 30, 1996.

The Committee will continue oversight of these initiatives, with additional hearings during consideration of the Department's fiscal year 1998 budget to maintain the momentum achieved to date to realize the goals of improving DOD financial management.

PROBLEM DISBURSEMENTS

The Committee continues to monitor the Department's inability to resolve and prevent problem disbursements. According to GAO, without the important control of prematching, or prevalidating, disbursements with recorded obligations, there is a substantial risk that (1) fraudulent or erroneous payments may be made without being detected and (2) cumulative amounts of disbursements may

exceed appropriated amounts and other limits.

Based on GAO's recent report (GAO/AIMD-96-82), DOD has fulfilled the requirement to prevalidate all transactions greater than \$5,000,000. In addition, DOD has lowered the threshold to \$1,000,000, except for the DFAS Columbus Center, which is still at the \$5,000,000 threshold. To make a more significant impact on the problem disbursements, the prevalidation threshold should be lowered. The long-term solution to DOD's problem disbursements will be systems that integrate the requirements of DOD's acquisition, procurement, and accounting communities. Two replacement systems are under development and will provide standardized processes, including single data entry, although these systems are not scheduled to be in place until 2001. The Department has made progress, but needs to continue its current short-term initiatives, as well as emphasis on the development of the replacement systems.

Based on GAO's recommendation, the Under Secretary of Defense, Comptroller, shall develop a detailed plan for matching Department of Defense disbursements to particular obligations for amounts above \$1,000,000. The plan should include: milestones, performance measures, cost/benefit analysis regarding lowering the threshold, expected backlogs and interest penalties, and schedules for implementing the systems under development, DPPS and SPS. The Secretary of Defense shall transmit the plan to the congressional defense committees not later than December 30, 1996. The inspector general of the Department of Defense shall review the plan and submit an independent assessment of the plan to the congressional defense committees, not later than February 15, 1997.

It is the Committee's understanding that the Department plans to reduce the threshold to \$4,000,000 for the DFAS Columbus Center in the near future. The development of the above-mentioned plan should not impede this effort in any way, and the Committee

endorses this schedule.

Based on the DOD inspector general's recommendation (Report No. 96–156), the Under Secretary of Defense, Comptroller, shall direct that all invoices paid by the Defense Finance and Accounting Service Columbus Center on contracts issued on or after October 1, 1996, shall be prevalidated; and shall ensure that existing contracts are not unnecessarily modified to avoid the applicability of this requirements.

The Secretary shall also develop a detailed plan for matching Department of Defense disbursements to particular obligations in an amount below \$1,000,000. The plan should include: milestones, cost/benefit analysis regarding lowering the threshold below \$1,000,000, expected backlogs and interest penalties, and schedules for implementing the systems under development, DPPS and SPS.

The Secretary of Defense shall transmit the plan to the congressional defense committees not later than March 30, 1997. The inspector general of the Department of Defense shall also review the plan and submit the inspector general's independent assessment of the plan to the congressional defense committees not later than May 15, 1997.

DEFENSE BUSINESS OPERATING FUND

The Committee is concerned about the current practice of funding defense business operations fund [DBOF] activity losses with passthroughs requested in the operation and maintenance budgets. According to GAO, it fails to focus on DBOF's actual results of operations, reduces the incentive for DBOF to operate efficiently, and makes it more difficult to evaluate and monitor the DBOF operations. In addition, it adversely effects DBOF managers by significantly diminishing their accountability.

In the fiscal year 1997 operation and maintenance budget request, the Army requested a \$58,900,000 passthrough and the Air Force budget request included a \$194,500,000 passthrough. These amounts are not provided in the Committee's recommendation.

The Committee is particularly concerned that the Navy has lost control over its financial resources because of its continued losses in DBOF activities. Last year, Congress provided the Navy \$595,100,000 to assist in resolving this problem. The Navy must intensify its efforts to improve its financial management, reduce its carryover, and better account for its operations. The Committee has noted that the Army, Air Force, and Defense Logistics Agency have not experienced the problems the Navy has in managing its DBOF activities.

OPERATION AND MAINTENANCE, ARMY

Appropriations, 1996	\$18,321,965,000
Budget estimate, 1997	18,031,145,000
Committee recommendation	17,700,859,000

The Committee recommends an appropriation of \$17,700,859,000. This is \$330,286,000 below the budget estimate.

SUMMARY OF COMMITTEE ADJUSTMENTS

Allocations of the Committee adjustments are made for each operation and maintenance, Army funding category identified in the Department's O-1 submission. A table showing the budget estimate, Committee adjustment, and recommended funding level by O-1 category is provided below. Proposed transfers of funds between budget activity funding categories in excess of \$20,000,000 are subject to standard reprogramming procedures.

	1997 budget es- timate	Senate allow- ance	Senate com- pared to budget estimate
OPERATION AND MAINTENANCE, ARMY			
BUDGET ACTIVITY 1: OPERATING FORCES:			
LAND FORCES:			
COMBAT UNITS	1,785,131	1,785,131	
CONTINGENCY OPERATIONS TRANSFER		- 378.657	-378.657

20

HUNTER UAV THEATER DEFENSE FORCES FORCE RELATED TRAINING/SPECIAL ACTIVITIES FORCE COMMUNICATIONS FORCE COMMUNICATI	[In thousands of dollars	·3		
HUNTER DEFENSE FORCES 150,569				pared to budget
THEATER DEFENSE FORCES FORCE RELATED TRAINING/SPECIAL ACTIVITIES FORCE COMMUNICATIONS FORCE COMMUNICATIONS FORCE COMMUNICATIONS BEDEFOR MAINTENANCE BEASTS SPARES AND REPAIR PARTS SPARES AND REPAIR P				
FORCE RELATED TRAINING/SPECIAL ACTIVITIES FORCE COMMUNICATIONS FORCE COMMUNICATIONS FORCE COMMUNICATIONS FORCE COMMUNICATIONS FORCE COMMUNICATIONS FORCE COMMUNICATIONS FORCE SPARES AND REPAIR PARTS				
FORCE COMMUNICATIONS DEPOT MAINTENANCE DEPOT MAINTENANCE SPARES AND REPAIR PARTS SPARES SUPPORT I ADDITING ACCESSION TRAINING ONE STATION UNIT TRAINING SPARES SPARES SUPPORT ONLY ONLY ONLY ONLY ONLY ONLY ONLY ONLY		,		
DEPOT MAINTENANCE SPARES AND REPAIR PARTS DEPOT MAINTENANCE RNS PROGRAM DEPOT MAINTENANCE RNS PROGRAM DEPOT MAINTENANCE RNS PROGRAM CH-47 HELIOPTER ENGINE UPGRADE SUPPORT DES EXERCISES BASE SUPPORT BASE SUPPORT BASE SUPPORT COMMAINTENANCE OF REAL PROPERTY BASE SUPPORT COMMAINTENANCE OF REAL PROPERTY BASE SUPPORT COMMAINTENANCE OF REAL PROPERTY COMMAINTENANCE OF REAL PROPERTY COMMAINTENANCE OF REAL PROPERTY DITAL BUDGET ACTIVITY 1 DIVERTIONS DITAL BUDGET ACTIVITY 1 DIVERTIONS POWNER RESERVE ACTIVITIES DIVERTIONS POWNER RESERVE ACTIVITIES DIVERTIONS TOTAL BUDGET ACTIVITY 2 DEBUGGET ACTIVITY 2 DEBUGGET ACTIVITY 3 DEBUGGET ACTIVITY 3 DEBUGGET ACTIVITY 3 DEBUGGET ACTIVITY 3 DEBUGGET ACTIVITY 4 DEBUGGET ACTIVITY 3 DEBUGGET ACTIVITY 5 DEBUGGET ACTIVITY 6 DEBUGGET ACTIVITY 6 DEBUGGET ACTIVITY 8 DEBUGGET ACTIVITION DEBUGGET ACTIVITY 8 DEBUGGET ACTIVITY 9 DEBUGGET				
SPARES AND REPAIR PARTS DEPOT MAINTENANCE RMS PROGRAM CH-47 HELICOPTER ENGINE UPGRADE SUPPORT CS EXERCISES S5.087				
DEPOT MAINTENANCE RMS PROGRAM 20,000 + 20,000 CH-47 HELICOPTER ENGINE UPGRADE SUPPORT 4,600 + 4,600 CH-47 HELICOPTER ENGINE UPGRADE SUPPORT 2,686,220 2,731,720 + 45,600 MAINTENANCE OF REAL PROPERTY 835,451 904,051 + 68,600 MAINTENANCE OF REAL PROPERTY 835,451 904,051 + 68,600 MAINTENANCE OF REAL PROPERTY 206,538 206,538 206,538 UNIFIED COMMANDS 63,769 63,769 CT-17 COMMANDS 63,769 CT-17		,		
CH-47 HELICOPTER ENGINE UPGRADE SUPPORT JCS EXERCISES BASE SUPPORT 2,686,320 2,731,720 45,400 MAINTENANCE OF REAL PROPERTY 320,6538 UNIFIED COMMANDS COMBAT DEVELOPMENTS COMBATOR OF GRADE OF G			,	
JCS EXERCISES 55,087 55,087 BASE SUPPORT 2,686,320 2,731,720 +45,400 MAINTENANCE OF REAL PROPERTY 835,451 904,051 +68,600 LAND OPERATIONS SUPPORT: 206,538 206,538 UNIFIED COMMANDS 63,769 63,769 TOTAL, BUDGET ACTIVITY 1 9,248,557 8,990,500 -258,057 BUDGET ACTIVITY 2: MOBILIZATION:			,	
BASE SUPPORT				+ 4,600
MAINTENANCE OF REAL PROPERTY 835,451 904,051 +68,600 LAND OPERATIONS SUPPORT:		,		
LAND OPERATIONS SUPPORT: COMBAT DEVELOPMENTS UNIFIED COMMANDS TOTAL, BUDGET ACTIVITY 1 9,248,557 8,990,500 -258,057 BUDGET ACTIVITY 2: MOBILIZATION: MOBILITY OPERATIONS: POMCUS STRATEGIC MOBILIZATION WAR RESERVE ACTIVITIES 150,971 150,971 150,971 150,971 150,971 150,971 170,970 17		2,686,320	2,731,720	+45,400
COMBAT DEVELOPMENTS 206,538 206,538 UNIFIED COMMANDS 63,769 63,	MAINTENANCE OF REAL PROPERTY	835,451	904,051	+68,600
UNIFIED COMMANDS TOTAL, BUDGET ACTIVITY 1 TOTAL, BUDGET ACTIVITY 1 BUDGET ACTIVITY 2: MOBILIZATION: MOBILITY OPERATIONS: POMCUS SITRATEGIC MOBILIZATION WAR RESERVE ACTIVITIES TOTAL, BUDGET ACTIVITY 2: MOBILIZATION: MOBILITY OPERATIONS: POMCUS SITRATEGIC MOBILIZATION WAR RESERVE ACTIVITIES TOTAL, BUDGET ACTIVITY 2: MOBILIZATION WAR RESERVE ACTIVITY 3: TRAINING AND RECRUITING: ACCESSION TRAINING: OFFICER ACQUISITION GETICAL WARD WARD WARD WARD WARD WARD WARD WARD	LAND OPERATIONS SUPPORT:			
UNIFIED COMMANDS	COMBAT DEVELOPMENTS	206.538	206.538	
TOTAL, BUDGET ACTIVITY 1 9,248,557 8,990,500 —258,057 BUDGET ACTIVITY 2: MOBILIZATION: MOBILITY OPERATIONS: POMCUS 828,934 314,934 + 27,000 WAR RESERVE ACTIVITIES 150,971 150,971 INDUSTRIAL PREPAREDNESS 65,235 65,235 TOTAL, BUDGET ACTIVITY 2 586,443 613,443 + 27,000 BUDGET ACTIVITY 3: TRAINING AND RECRUITING: ACCESSION TRAINING: OFFICER ACQUISTION 61,442 61,442 RECRUIT TRAINING 13,131 13,131 ONE STATION UNIT TRAINING 156,679 16,679 RESERVE OFFICER TRAINING CORPS (ROTC) 120,634 120,634 BASE SUPPORT (ACADEMY ONLY) 81,493 82,893 + 1,400 MAINTENANCE OF REAL PROPERTY (ACADEMY ONLY) 40,821 40,821 BASIC SKILL/ ADVANCE TRAINING 224,298 242,298 FLIGHT TRAINING 225,460 225,460 PROFESSIONAL DEVELOPMENT EDUCATION 68,478 68,478 TRAINING SUPPORT (OHER TRAINING) 898,954 913,654 + 14,700 RECRUITING/OTHER TRAINING 274,999 297,599 + 22,600 RECRUITING/OTHER TRAINING 77,125 77,215 OFF-DUTY AND VOLUNTARY EDUCATION 101,970 CIVILIAN EDUCATION AND TRAINING 83,296 83,296 JUNIOR ROTC 76,640 76,640 BASE SUPPORT (RECRUITING LEASES) 158,064 158,064 TOTAL, BUDGET ACTIVITY 3 3,169,940 3,212,640 + 42,700 BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES: SECURITY PROGRAMS: SECURITY PROGRAMS 364,270 155,541 515,541 CENTRAL SUPPLY ACTIVITIES 398,003 398,003				
BUDGET ACTIVITY 2: MOBILIZATION: MOBILITY OPERATIONS: POMCUS 82,303 82,303 STRATEGIC MOBILIZATION 287,334 314,934 + 27,000 WAR RESERVE ACTIVITIES 150,971 150,971 INDUSTRIAL PREPAREDNESS 65,235 65,235 TOTAL, BUDGET ACTIVITY 2 586,443 613,443 + 27,000 BUDGET ACTIVITY 3: TRAINING AND RECRUITING: ACCESSION TRAINING: OFFICER ACQUISITION 61,442 61,442 RECRUIT TRAINING 13,131 13,131 ONE STATION UNIT TRAINING 116,679 16,679 RESERVE OFFICER TRAINING CORPS (ROTC) 120,634 120,634 BASE SUPPORT (ACADEMY ONLY) 81,493 82,893 + 1,400 MAINTENANCE OF REAL PROPERTY (ACADEMY ONLY) 40,821 40,821 BASIC SKULL JOAVANCE TRAINING 224,298 242,298 FLIGHT TRAINING 225,460 225,460 PROFESSIONAL DEVELOPMENT EDUCATION 68,478 68,478 TRAINING SUPPORT (OHER TRAINING) 898,954 913,654 + 14,700 MAINTENANCE OF REAL PROPERTY (OTHER TRAINING) 274,999 297,599 + 22,600 RECRUITING/OTHER TRAINING 274,999 297,599 + 22,600 RECRUITING/OTHER TRAINING 72,125 72,125 OFF-DUTY AND VOLUNTARY EDUCATION 101,970 101,970 CIVILAN EDUCATION AND TRAINING 19,89,940 3,212,640 + 42,700 BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES: SECURITY PROGRAMS: SECURITY PROGRAMS 364,270 15,541 515,541 CENTRAL SUPPLY ACTIVITYES 398,003 398,003				
MOBILITY OPERATIONS: POMCUS S2,303 82,303 STRATEGIC MOBILIZATION 227,934 314,934 +27,000	TOTAL, BUDGET ACTIVITY 1	9,248,557	8,990,500	- 258,057
STRATEGIC MOBILIZATION 287,934 314,934 +27,000 WAR RESERVE ACTIVITIES 150,971 150,971 1		00.202	00.000	
WAR RESERVE ACTIVITIES 150,971 150,971 150,971 150,971 150,971 150,971 150,971 150,971 150,971 150,971 150,971 150,971 150,971 150,971 150,971 150,971 150,235				
INDUSTRIAL PREPAREDNESS 65,235 565,235 TOTAL, BUDGET ACTIVITY 2 586,443 613,443 + 27,000			,	,
TOTAL, BUDGET ACTIVITY 2 586,443 613,443 + 27,000		,		
BUDGET ACTIVITY 3: TRAINING AND RECRUITING: ACCESSION TRAINING: OFFICER ACQUISITION	INDUSTRIAL PREPAREDNESS	65,235	65,235	
ACCESSION TRAINING: OFFICER ACQUISITION OFFICER ACQUISITION RESCRUIT TRAINING ONE STATION UNIT TRAINING RESERVE OFFICER TRAINING CORPS (ROTC) RESERVE OFFICER TRAINING CORPS (ROTC) RESERVE OFFICER TRAINING CORPS (ROTC) BASE SUPPORT (ACADEMY ONLY) MAINTENANCE OF REAL PROPERTY (ACADEMY ONLY) BASIC SKILL/ ADVANCE TRAINING: SPECIALIZED SKILL TRAINING SPECIALIZED SKILL TRAINING SPECIALIZED SKILL TRAINING PROFESSIONAL DEVELOPMENT EDUCATION RAINING SUPPORT TRAINING SUPPORT 405,222 BASE SUPPORT (OTHER TRAINING) MAINTENANCE OF REAL PROPERTY (OTHER TRAINING) RECRUITING/OTHER TRAINING: RECRUITING AND ADVERTISING EXAMINING PROFESSIONAL DEVELOPMENT EDUCATION TRAINING SUPPORT RECRUITING AND ADVERTISING RECRUITING AND ADVERTISING EXAMINING TOTAL BUDGET ACTIVITY 3 3,169,940 BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES: SECURITY PROGRAMS: SECURITY PROGRAMS SERVICEWIDE TRANSPORTATION 515,541 CENTRAL SUPPLY ACTIVITIES 398,003 398,003	TOTAL, BUDGET ACTIVITY 2	586,443	613,443	+27,000
RECRUIT TRAINING		61 442	61 442	
ONE STATION UNIT TRAINING RESERVE OFFICER TRAINING CORPS (ROTC) RESERVE OFFICER TRAINING CORPS (ROTC) RESERVE OFFICER TRAINING CORPS (ROTC) BASE SUPPORT (ACADEMY ONLY) MAINTENANCE OF REAL PROPERTY (ACADEMY ONLY) BASIC SKILL/ ADVANCE TRAINING: SPECIALIZED SKILL TRAINING SPECIALIZED SKILL TRAINING SPECIALIZED SKILL TRAINING PROFESSIONAL DEVELOPMENT EDUCATION REAL TRAINING SUPPORT TRAINING SUPPORT TOTHER TRAINING) BASE SUPPORT (OTHER TRAINING) RECRUITING/OTHER TRAINING) RECRUITING/OTHER TRAINING: RECRUITING/OTHER TRAINING: RECRUITING AND ADVERTISING EXAMINING TOTH AND VOLUNTARY EDUCATION CIVILIAN EDUCATION AND TRAINING BASE SUPPORT (RECRUITING LEASES) TOTAL, BUDGET ACTIVITY 3 BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES: SECURITY PROGRAMS: SECURITY PROGRAMS SERVICEWIDE TRANSPORTATION SING SUPPORT SING SAGARD			. ,	
RESERVE OFFICER TRAINING CORPS (ROTC) 120,634 120,634 BASE SUPPORT (ACADEMY ONLY) 81,493 82,893 +1,400 MAINTENANCE OF REAL PROPERTY (ACADEMY ONLY) 40,821		.,	,	
BASE SUPPORT (ACADEMY ONLY) 81,493 82,893 + 1,400				
MAINTENANCE OF REAL PROPERTY (ACADEMY ONLY) 40,821 40,821				
BASIC SKILL/ ADVANCE TRAINING: SPECIALIZED SKILL TRAINING 242,298 242,298 FLIGHT TRAINING 225,460 225,460 PROFESSIONAL DEVELOPMENT EDUCATION 68,478 68,478 TRAINING SUPPORT 405,222 405,222 BASE SUPPORT (OTHER TRAINING) 898,954 913,654 +14,700 MAINTENANCE OF REAL PROPERTY (OTHER TRAINING) 274,999 297,599 +22,600 RECRUITING/OTHER TRAINING: RECRUITING AND ADVERTISING 228,234 232,234 +4,000 EXAMINING 72,125 72,125 OFF-DUTY AND VOLUNTARY EDUCATION 101,970 101,970 CIVILIAN EDUCATION AND TRAINING 83,296 83,296 JUNIOR ROTC 76,640 76,640 BASE SUPPORT (RECRUITING LEASES) 158,064 158,064 TOTAL, BUDGET ACTIVITY 3 3,169,940 3,212,640 +42,700 BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES: SECURITY PROGRAMS: SECURITY PROGRAMS 364,270 LOGISTICS OPERATIONS: SERVICEWIDE TRANSPORTATION 515,541 515,541 CENTRAL SUPPLY ACTIVITIES 398,003 398,003		,	,	+1,400
SPECIALIZED SKILL TRAINING 242,298 242,298 FLIGHT TRAINING 225,460 226,222 225,460 226,222 225,460 226,234 232,234	MAINTENANCE OF REAL PROPERTY (ACADEMY ONLY)	40,821	40,821	
FLIGHT TRAINING 225,460 225,460 PROFESSIONAL DEVELOPMENT EDUCATION 68,478 68,478 68,478 68,478 TRAINING SUPPORT 405,222 405,	BASIC SKILL/ ADVANCE TRAINING:			
PROFESSIONAL DEVELOPMENT EDUCATION 68,478 68,478 TRAINING SUPPORT 405,222	SPECIALIZED SKILL TRAINING	242,298	242,298	
TRAINING SUPPORT	FLIGHT TRAINING	225,460	225,460	
TRAINING SUPPORT	PROFESSIONAL DEVELOPMENT EDUCATION	68.478	68,478	
BASE SUPPORT (OTHER TRAINING) 898,954 913,654 +14,700		,	,	
MAINTENANCE OF REAL PROPERTY (OTHER TRAINING) 274,999 297,599 + 22,600				
RECRUITING/OTHER TRAINING: RECRUITING AND ADVERTISING 228,234 232,234 +4,000 EXAMINING 72,125 72,125 OFF-DUTY AND VOLUNTARY EDUCATION 101,970 101,970 CIVILIAN EDUCATION AND TRAINING 83,296 83,296 JUNIOR ROTC 76,640 76,640 BASE SUPPORT (RECRUITING LEASES) 158,064 158,064 TOTAL, BUDGET ACTIVITY 3 3,169,940 3,212,640 +42,700 BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES: SECURITY PROGRAMS: SECURITY PROGRAMS 364,270 364,270 LOGISTICS OPERATIONS: SERVICEWIDE TRANSPORTATION 515,541 515,541 CENTRAL SUPPLY ACTIVITIES 398,003 398,003		,	,	
RECRUITING AND ADVERTISING 228,234 232,234 +4,000 EXAMINING 72,125 72,125 OFF-DUTY AND VOLUNTARY EDUCATION 101,970 101,970 CIVILIAN EDUCATION AND TRAINING 83,296 83,296 JUNIOR ROTC 76,640 76,640 BASE SUPPORT (RECRUITING LEASES) 158,064 158,064 TOTAL, BUDGET ACTIVITY 3 3,169,940 3,212,640 +42,700 BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES: SECURITY PROGRAMS: SECURITY PROGRAMS 364,270 LOGISTICS OPERATIONS: SERVICEWIDE TRANSPORTATION 515,541 515,541 CENTRAL SUPPLY ACTIVITIES 398,003 398,003		274,333	237,333	1 22,000
EXAMINING		220 224	222 224	. 4.000
OFF-DUTY AND VOLUNTARY EDUCATION		,		,
CIVILIAN EDUCATION AND TRAINING 83,296 83,296 JUNIOR ROTC 76,640 76,640 76,640 158,064 158,064 158,064		,	,	
JUNIOR ROTC				
BASE SUPPORT (RECRUITING LEASES) 158,064 158,064				
TOTAL, BUDGET ACTIVITY 3				
BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES: SECURITY PROGRAMS: SECURITY PROGRAMS 364,270 364,270 LOISTICS OPERATIONS: SERVICEWIDE TRANSPORTATION 515,541 515,541 CENTRAL SUPPLY ACTIVITIES 398,003 398,003	BASE SUPPORT (RECRUITING LEASES)	158,064	158,064	
SECURITY PROGRAMS: 364,270 364,270 LOGISTICS OPERATIONS: 515,541 515,541 SERVICEWIDE TRANSPORTATION 515,541 398,003 CENTRAL SUPPLY ACTIVITIES 398,003 398,003	TOTAL, BUDGET ACTIVITY 3	3,169,940	3,212,640	+ 42,700
LOGISTICS OPERATIONS: 515,541 515,541 SERVICEWIDE TRANSPORTATION 515,541 398,003 CENTRAL SUPPLY ACTIVITIES 398,003 398,003	BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES:			
CENTRAL SUPPLY ACTIVITIES	LOGISTICS OPERATIONS:	364,270	364,270	
	SERVICEWIDE TRANSPORTATION	515,541	515,541	
			,	
AMMUNITION MANAGEMENT				
SERVICEWIDE SUPPORT:		207,012	201,012	1 40,000
		200 075	200.075	
ADMINISTRATION				
SERVICEWIDE COMMUNICATIONS				
POWER PROJECTION C ⁴ I 20,000 +20,000	POWER PROJECTION C41			.,
MANPOWER MANAGEMENT				

	1997 budget es- timate	Senate allow- ance	Senate com- pared to budget estimate
OTHER PERSONNEL SUPPORT	171,661	171,661	
OTHER SERVICE SUPPORT	596,539	600,439	+3,900
ARMY CLAIMS ACTIVITIES	175,881	175,881	
REAL ESTATE MANAGEMENT	79,628	79,628	
BASE SUPPORT	666,216	676,716	+10,500
PENTAGON RESERVATION FUND TRANSFER		-59,100	-59,100
MAINTENANCE OF REAL PROPERTY	106,065	114,865	+ 8,800
SUPPORT OF OTHER NATIONS:			
INTERNATIONAL MILITARY HEADQUARTERS	273,924	267,861	-6,063
MISC SUPPORT OF OTHER NATIONS	38,903	38,903	
TOTAL, BUDGET ACTIVITY 4	5,109,539	5,177,576	+ 68,037
CIVILIAN PERSONNEL UNDERSTRENGTH		- 133.000	- 133.000
GENERAL REDUCTION, NATIONAL DEFENSE STOCKPILE FUND	- 83,334	- 50.000	+ 33.334
FUEL TAX CREDIT		- 13.800	- 13.800
USTRANSCOM EFFICIENCIES		-33,000	-33,000
NON-LETHAL WEAPONS		2.000	+ 2.000
NATIONAL TRAINING CENTER ROTATIONS		- 5.100	- 5.100
MWR OVERHEAD		-1.500	-1.500
DBOF PASSTHROUGH		-58,900	-58,900
TOTAL ODERATION AND MAINTENANCE ADMY	10 021 145	17 700 050	220.200
TOTAL, OPERATION AND MAINTENANCE, ARMY	18,031,145	17,700,859	- 330,286
TRANSFER	(83,334)	(50,000)	(-33,334)
TOTAL FUNDING AVAILABLE	(18,114,479)	(17,750,859)	(-363,620)

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

[In thousands of dollars]

Budget activity 1—Operating forces:	
Contingency operations transfer	-378,657
Spare and repair parts	-30,000
Hunter UAV	12,000
Depot Maintenance RMS Program	20,000
CH–47 engine upgrades support	4,600
JRTC/Fort Polk	2,000
Budget activity 2—Mobilization: Movement of prepositioned stocks	27,000
Budget activity 3—Training and recruiting: Recruiting and advertising	4,000
Budget activity 4—Administration and servicewide activities:	1,000
Ammunition management	40,000
End item management	50,000
Life Sciences Equipment Lab	550
Waste water treatment planning	350
Conservation and Ecosystems Management Program	3,000
NATO headquarters reduction	-6,063
C4I power projection	20,000
Pentagon reservation fund transfer	-59,100
Other adjustments:	,
Fuel tax credit	-13,800
Nonlethal weapons	2,000
Civilian personnel under strength	-133,000
USTRANSCOM efficiencies	-33,000
NTC, JRTC rotations	
TRADOC MWR overhead reduction	-1,500
DBOF passthrough	-58,900

COMMITTEE ADJUSTMENTS

 $\it Hunter.$ —In an effort to provide the Army with a more capable UAV that will meet current requirements, the Committee has pro-

vided an additional \$12,000,000 for operation of existing Hunter UAV assets. These funds are to be used to field and maintain currently available systems to meet the Army's requirements until a tactical UAV is fielded. The Committee expects the Army to include any necessary funding for the Hunter systems in its fiscal year 1998 budget submission.

C4I power projection.—The Committee supports the Senate Armed Forces Committee recommendation to provide additional funding in support of the power projection C⁴ infrastructure initiative to upgrade telecommunications infrastructure at Army instal-

lations.

Waste Water Treatment Program.—The Committee recommends an increase of \$350,000 which shall be used only to continue the efforts of the joint task force in evaluating Department of Defense, State and local government alternatives for waste water treatment, disposal, and management. Specific efforts will include joint treatment and disposal in central Oahu (Army), joint effluent disposal and sludge utilization in Mamala Bay (Navy), and effluent reuse in Kaneohe-Kailua Bay (Marine Corps).

Army conservation and ecosystem management.—The Committee has provided an increase of \$3,000,000 in the other service support line. The Committee directs that these funds shall only be available to continue the ongoing Army conservation and ecosystem management programs. The Committee believes that a portion of the increase should be devoted to conservation and planning efforts supporting the construction of the Saddle Road to enhance access to

the Army's Pohakuloa training area [PTA].

JRTC Fort Polk.—The Committee recognizes the value of the unique training received by the Army's light infantry at the Joint Readiness Training Center at Fort Polk and how critical additional maneuver area is to such training. Accordingly, the Committee recommends a \$2,000,000 increase to enable the Army to continue following the high land management and environmental standards currently maintained on Fort Polk for this additional land. This funding shall be used for increasing the number of foresters, environmental engineers and natural resource support personnel, maintaining the forest, roads, and public recreational areas, and protecting the red-cockaded woodpecker, long leaf pine, pitcher plant bogs, and archaeological resources.

Smart data system.—The Committee understands that an Office of the Secretary of Defense PDM and an Army acquisition decision memorandum designated the smart data system [SDS] concept for Army-wide implementation but that no such implementation has occurred. The Committee urges the Army, from within funds appropriated, to conduct a concept demonstration of the SDS at four to

eight operational sites.

Pacific islander study.—In the Fiscal Year 1996 Department of Defense Authorization Act, the Congress directed that the Secretary of the Army conduct a review of Asian-American and native American Pacific islanders who received the Distinguished Service Cross during World War II to determine whether the award should be upgraded to the Medal of Honor. To date, the Army has not conducted the study. The Committee directs the Army, from within amounts appropriated in this act, to conduct this study. The Committee also requires the Army to provide, within 60 days of enactment of the act, a detailed proposal of how they plan to execute this study and expend the designated funds.

OPERATION AND MAINTENANCE, NAVY

Appropriations, 1996	\$21,279,425,000
Budget estimate, 1997	
Committee recommendation	20.241.517.000

The Committee recommends an appropriation of \$20,241,517,000. This is \$128,653,000 above the budget estimate.

SUMMARY OF COMMITTEE ADJUSTMENTS

Allocations of the Committee adjustments are made for each operation and maintenance, Navy funding category identified in the Department's O-1 submission. A table showing the budget estimate, Committee adjustment, and recommended funding level by O-1 category is provided below. Proposed transfers of funds between budget activity funding categories in excess of \$20,000,000 are subject to standard reprogramming procedures.

	1997 budget es- timate	Senate allow- ance	Senate com- pared to budget estimate
OPERATION AND MAINTENANCE, NAVY			
BUDGET ACTIVITY 1: OPERATING FORCES:			
AIR OPERATIONS:			
MISSION AND OTHER FLIGHT OPERATIONS	1,867,999	1,867,999	
P-3 SQUADRON		10,600	+ 10.600
FLEET AIR TRAINING	606,264	606,264	
INTERMEDIATE MAINTENANCE	64.855	64.855	
AIR OPERATIONS AND SAFETY SUPPORT	65.742	65.742	
AIRCRAFT DEPOT MAINTENANCE	602,679	616,679	+14.000
AIRCRAFT DEPOT OPERATIONS SUPPORT	24,613	24.613	,
BASE SUPPORT	807,680	830,855	+23,175
MAINTENANCE OF REAL PROPERTY	346.107	373,707	+ 27,600
SHIP OPERATIONS:	,	, .	,
MISSION AND OTHER SHIP OPERATIONS	1,919,975	1,935,975	+16,000
SHIP OPERATIONAL SUPPORT AND TRAINING	457,005	457,005	
INTERMEDIATE MAINTENANCE	396,844	422,844	+26,000
SHIP DEPOT MAINTENANCE	1,803,854	1,953,854	+150,000
SHIP DEPOT OPERATIONS SUPPORT	787,330	787,330	
BASE SUPPORT	828,295	841,795	+13,500
MAINTENANCE OF REAL PROPERTY	289,182	312,282	+23,100
COMBAT OPERATIONS/SUPPORT:			
COMBAT COMMUNICATIONS	206,422	206,422	
ELECTRONIC WARFARE	7,589	7,589	
SPACE SYSTEMS AND SURVEILLANCE	144,806	144,806	
WARFARE TACTICS	138,113	138,113	
OPERATIONAL METEOROLOGY AND OCEANOGRAPHY	212,854	212,854	
COMBAT SUPPORT FORCES	386,011	386,011	
EQUIPMENT MAINTENANCE	163,038	163,038	
DEPOT OPERATIONS SUPPORT	1,146	1,146	
BASE SUPPORT	327,468	317,809	-9,659
MAINTENANCE OF REAL PROPERTY	49,511	53,411	+3,900
WEAPONS SUPPORT:			
CRUISE MISSILE	79,828	120,428	+40,600
FLEET BALLISTIC MISSILE	756,722	756,722	
IN-SERVICE WEAPONS SYSTEMS SUPPORT	50,875	50,875	
WEAPONS MAINTENANCE	389,406	389,406	
BASE SUPPORT	63,750	65,150	+1,400
MAINTENANCE OF REAL PROPERTY	31,247	33,747	+ 2,500

24

	1997 budget es- timate	Senate allow- ance	Senate com- pared to budge estimate
DEPOT MAINTENANCE RMS PROGRAM		20,000	+ 20,000
CONTINGENCY OPERATIONS TRANSFER		-126,300	-126,300
TOTAL, BUDGET ACTIVITY 1	13,877,210	14,113,626	+ 236,416
BUDGET ACTIVITY 2: MOBILIZATION:			
READY RESERVE AND PREPOSITIONING FORCES: SHIP PRE-			
POSITIONING AND SURGEACTIVATIONS/INACTIVATIONS:	497,905	497,905	
AIRCRAFT ACTIVATIONS/INACTIVATIONS	2,699	2,699	
SHIP ACTIVATIONS/INACTIVATIONS	568,307	568,307	
MOBILIZATION PREPAREDNESS:			
FLEET HOSPITAL PROGRAM	19,374	19,374	
INDUSTRIAL READINESSCOAST GUARD SUPPORT	722 21,929	722 21,929	
COAST GUARD SUFFORT	21,525	21,323	
TOTAL, BUDGET ACTIVITY 2	1,110,936	1,110,936	
BUDGET ACTIVITY 3: TRAINING AND RECRUITING: ACCESSION TRAINING:			
OFFICER ACQUISITION	66,825	66,825	
RECRUIT TRAINING	4,887	4,887	
RESERVE OFFICERS TRAINING CORPS (ROTC)	67,777	67,777	
BASE SUPPORT	54,338	55,338	+ 1,00
MAINTENANCE OF REAL PROPERTYBASIC SKILLS AND ADVANCED TRAINING:	64,553	69,653	+5,10
SPECIALIZED SKILL TRAINING	218,689	218,689	
FLIGHT TRAINING	295,280	295,280	
PROFESSIONAL DEVELOPMENT EDUCATION	65,981	65,981	
TRAINING SUPPORT	119,098	119,098	
BASE SUPPORT	316,260	321,560	+ 5,30
MAINTENANCE OF REAL PROPERTY	111,355	120,255	+ 8,90
RECRUITING, AND OTHER TRAINING AND EDUCATION: RECRUITING AND ADVERTISING	136,474	136,474	
OFF-DUTY AND VOLUNTARY EDUCATION	61,643	61,643	
CIVILIAN EDUCATION AND TRAINING	22,218	22,218	
JUNIOR ROTC	24,902	24,902	
BASE SUPPORT	439	439	
MAINTENANCE OF REAL PROPERTY	59	59	
TOTAL, BUDGET ACTIVITY 3	1,630,778	1,651,078	+ 20,30
SUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES: SERVICEWIDE SUPPORT:			
ADMINISTRATION	570,921	570,921	
EXTERNAL RELATIONS	21,406	21,406	
CIVILIAN MANPOWER AND PERSON MANAGEMENT	69,426	69,426	
MILITARY MANPOWER AND PERSON MANAGEMENT OTHER PERSONNEL SUPPORT	129,426 237,647	129,426 237,647	
SERVICEWIDE COMMUNICATIONS	237,647	230,240	
BASE SUPPORT	200,375	203,475	+ 3,10
MAINTENANCE OF REAL PROPERTY	45,196	48,796	+ 3,60
LOGISTICS OPERATIONS AND TECHNICAL SUPPORT:	.,	.,	.,
SERVICEWIDE TRANSPORTATION	151,371	151,371	
PLANNING, ENGINEERING AND DESIGN	284,268	284,268	
ACQUISITION AND PROGRAM MANAGEMENT	467,318	470,122	+ 2,80
AIR SYSTEMS SUPPORTHULL, MECHANICAL AND ELECTRICAL SUPPORT	276,446	276,446	
COMBAT/WEAPONS SYSTEMS	48,613 39,083	48,613 39,083	
SPACE AND ELECTRONIC WARFARE SYSTEMS	72,540	72,540	
BASE SUPPORT	145,338	147,638	+ 2,30
DASE SUFFURI		,	,
PENTAGON RESERVATION FUND TRANSFER		-38,300	-38,30

	1997 budget es- timate	Senate allow- ance	Senate com- pared to budget estimate
SECURITY PROGRAMS:			
SECURITY PROGRAMS	555,721	555,721	
BASE SUPPORT	7,344	7,344	
MAINTENANCE OF REAL PROPERTY	5,083	5,083	
SUPPORT OF OTHER NATIONS: INTERNATIONAL HEADQUARTERS AND			
AGENCIES	7,544	7,544	
TOTAL, BUDGET ACTIVITY 4	3,577,273	3,550,777	- 26,496
CLASSIFIED PROGRAMS UNDISTRIBUTED		- 900	- 900
GENERAL REDUCTION, NATIONAL DEFENSE STOCKPILE FUND	- 83.333	- 50.000	+ 33.333
USTRANSCOM EFFICIENCIES	,	- 9.000	- 9.000
CIVILIAN PERSONNEL UNDERSTRENGTH		-125,000	-125,000
TOTAL, OPERATION AND MAINTENANCE, NAVY	20,112,864	20,241,517	+ 128,653
TRANSFER	(83,333)	(50,000)	(— 33,333)
TOTAL FUNDING AVAILABLE	(20,196,197)	(20,291,517)	(+95,320)

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

Budget activity 1—Operating forces:	
Contingency operations transfer	-126,300
Aircraft depot maintenance	30,000
P–3 squadron	10.600
Aviation spares reduction	-16,000
Depot Maintenance RMS Program	20,000
Ship depot maintenance	150,000
Mission operations	16,000
Intermediate maintenance	26,000
Tomahawk recertification	40,600
NAF Adak	10,000
NAS Fallon aquifer study	175
NATO infrastructure reduction	-15.059
Budget activity 4—Administrative and servicewide activities:	,
Acquisition and program management	2,804
Pentagon reservation fund transfer	-38,300
Other adjustments:	,
Civilian personnel under strength	-125,000
USTRANSCOM efficiencies	-9,000
Classified programs	

COMMITTEE ADJUSTMENTS

O&M SUPPORT OF MILITARY FORCES

 $P ext{--}3$ squadron.—Additional funds are appropriated in support of the Senate Armed Services Committee's authorization action which retains one additional active duty squadron.

Ship depot maintenance.—In recognition of funding shortfalls identified in ship depot maintenance, the Committee provides an additional \$150,000,000.

Tomahawk recertification.—As authorized by the Senate Armed Services Committee, \$46,000,000 is appropriated to fulfill emergent requirements identified by the Navy.

NAS Fallon aquifer study.—The Committee has provided funding for an aquifer study at Fallon NAS as authorized by the Senate

Armed Services Committee and directs the Navy to study this situation in concert with State and local governmental agencies.

Naval air facility, Adak.—The Committee recognizes the impending closure of the naval air facility, Adak, pursuant to the Defense Base Closure and Realignment Act of 1990. During this interim period, the Committee urges the Department to use commercial air services to meet its operational and environmental requirements on Adak. Accordingly, the Department should not proceed to enter into long-term contractual air service agreements in support of Adak.

Section 8061 provides the Department of Defense needed authority to enter into interim leasing arrangements for commercial re-

utilization at the naval air facility, Adak.

Naval Academy dairy farm.—The Committee is aware of the local communities' concerns about the future of the U.S. Naval Academy dairy farm. The 1991 Naval Academy Dairy Evaluation Committee, a 1992 University of Maryland evaluation, and the locally appointed Dairy Farm Committee recommended that the 865-acre dairy farm should be maintained in agricultural production. The Committee directs the Superintendent of the Naval Academy to work with the local community in developing a comprehensive plan that is consistent with the goal of achieving an economically viable agricultural operation that is respectful of the natural environment and meets the needs and goals of the Naval Academy, the State, and the local community.

3-D Drawing Procurement Program.—The Committee recognizes

3–D Drawing Procurement Program.—The Committee recognizes the efficiencies and cost savings realized by utilizing three-dimensional computer modeling for ship design and engineering. The Committee directs \$7,000,000 be made available for this program from within funds appropriated in the planning, engineering, and design line of budget activity four.

OPERATION AND MAINTENANCE, MARINE CORPS

Appropriations, 1996	\$2,392,522,000
Budget estimate, 1997	2,203,777,000
Committee recommendation	2,275,977,000

The Committee recommends an appropriation of \$2,275,977,000. The recommendation is \$72,200,000 above the budget request.

SUMMARY OF COMMITTEE ADJUSTMENTS

Allocations of the Committee adjustments are made for each operation and maintenance, Marine Corps funding category identified in the Department's O-1 submission. A table showing the budget estimate, Committee adjustment, and recommended funding level by O-1 category is provided below. Proposed transfers of funds between budget activity funding categories in excess of \$20,000,000 are subject to standard reprogramming procedures.

	1997 budget estimate	Senate allow- ance	Senate com- pared to budg- et estimate
OPERATION AND MAINTENANCE, MARINE CORPS			
BUDGET ACTIVITY 1: OPERATING FORCES: EXPEDITIONARY FORCES: OPERATIONAL FORCES	331,478	331,478	

27

	1997 budget estimate	Senate allow- ance	Senate com- pared to budg- et estimate
INITIAL ISSUE EQUIPMENT		25,000	+ 25,000
WARFIGHTING LAB		8,000	+8,000
CONTINGENCY OPERATIONS TRANFER		-200	-200
FIELD LOGISTICS	171,056	171,056	
DEPOT MAINTENANCE		155,168	
BASE SUPPORT		593,307	
MAINTENANCE OF REAL PROPERTY		252,570	
NON-LETHAL WEAPONS		3,000	+ 3.000
USMC PREPOSITIONING:		3,000	1 3,000
MARITIME PREPOSITIONING	74,003	74,003	
	,		
NORWAY PREPOSITIONING	,	3,748	. 15 000
PERSONNEL SUPPORT EQUIPMENT		15,000	+ 15,000
CORROSION CONTROL		10,000	+ 10,000
TOTAL, BUDGET ACTIVITY 1	1,581,330	1,642,130	+60,800
BUDGET ACTIVITY 3: TRAINING AND RECRUITING: ACCESSION TRAINING:			
RECRUIT TRAINING	8,139	8.139	
OFFICER ACQUISITION	.,	270	
BASE SUPPORT		47,792	+ 700
	,		
MAINTENANCE OF REAL PROPERTY	17,590	18,990	+ 1,400
SPECIALIZED SKILLS TRAINING	26,578	26,578	
FLIGHT TRAINING		155	
PROFESSIONAL DEVELOPMENT EDUCATION		5,929	
TRAINING SUPPORT	.,		
	,	74,859	
BASE SUPPORT		51,786	+ 700
MAINTENANCE OF REAL PROPERTY	24,402	26,402	+2,000
RECRUITING AND OTHER TRAINING EDUCATION:			
RECRUITING AND ADVERTISING	65,382	70,082	+4,700
OFF-DUTY AND VOLUNTARY EDUCATION	10.593	10.593	
JUNIOR ROTC	,	8,562	
BASE SUPPORT	.,	8,427	
MAINTENANCE OF REAL PROPERTY	- /	3,436	+1,100
MAINTENANCE OF REAL TROI ERTT		3,400	1,100
TOTAL, BUDGET ACTIVITY 3	351,400	362,000	+ 10,600
BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES: SERVICEWIDE SUPPORT:			
SPECIAL SUPPORT	196,367	196,367	
SERVICEWIDE TRANSPORTATION	38,479	38,479	
ADMINISTRATION	,	25,459	
BASE SUPPORT	.,	9,283	
MAINTENANCE OF REAL PROPERTY		1,459	
TOTAL, BUDGET ACTIVITY 4	271,047	271,047	
OLACCIFIED DECODANC		Г 200	
CLASSIFIED PROGRAMS		5,300	+ 5,300
USTRANSCOM EFFICIENCIES	····	-4,500	-4,500
TOTAL, OPERATION AND MAINTENANCE, MARINE CORPS	2,203,777	2,275,977	+ 72,200

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

Budget activity 1—Operating forces:	
Contingency operations transfer	-200
Initial issue equipment	25,000
Personnel support equipment	15,000
Corrosion control	10,000

Warfighting lab	8.000
Nonlethal weapons	3,000
Budget activity 3—Training and recruiting: Recruiting and advertising	4,700
Other adjustments:	
USTRANSCOM efficiencies	-4,500
Classified programs	5,300

COMMITTEE ADJUSTMENTS

O&M SUPPORT OF MILITARY FORCES

Initial issue equipment.—As authorized by the Senate Armed Services Committee, \$25,000,000 is appropriated. This amount is expected to meet the full Marine Corps requirement for procurement of this equipment.

OPERATION AND MAINTENANCE, AIR FORCE

Appropriations, 1996	\$18,606,167,000
Budget estimate, 1997	
Committee recommendation	17,277,709,000

The Committee recommends an appropriation of \$17,277,709,000. This is \$552,413,000 below the budget estimate.

SUMMARY OF COMMITTEE ADJUSTMENTS

Allocations of the Committee adjustments are made for each operation and maintenance, Air Force funding category identified in the Department's O-1 submission. A table showing the budget estimate, Committee adjustment, and recommended funding level by O-1 category is provided below. Proposed transfers of funds between budget activity funding categories in excess of \$20,000,000 are subject to standard reprogramming procedures.

[iii tilousalius oi uoliais]			
	1997 budget es- timate	Senate allow- ance	Senate com- pared to budget estimate
OPERATION AND MAINTENANCE, AIR FORCE			
BUDGET ACTIVITY 1: OPERATING FORCES:			
AIR OPERATIONS:			
PRIMARY COMBAT FORCES	2.314.739	2.403.739	+89,000
CONTINGENCY OPERATIONS TRANSFER		-414,000	-414,000
SPARES INVENTORY REDUCTION		-40,000	-40,000
AIRCRAFT COMPONENT RECLAMATION		-80,000	-80,000
DEPOT MAINTENANCE RMS PROGRAM		20,000	+ 20,000
DEPOT MAINTENANCE		41,200	+41,200
PRIMARY COMBAT WEAPONS	394,408	394,408	
COMBAT ENHANCEMENT FORCES	250,614	250,614	
AIR OPERATIONS TRAINING	570,948	570,948	
COMBAT COMMUNICATIONS	867,912	867,912	
BASE SUPPORT	1,680,275	1,716,275	+36,000
MAINTENANCE OF REAL PROPERTY	694,867	749,067	+ 54,200
CAPITAL ASSETS REDUCTION		-3,745	-3,745
COMBAT RELATED OPERATIONS:			
GLOBAL C3I AND EARLY WARNING	736,038	746,338	+10,300
NAVIGATION/WEATHER SUPPORT	114,842	114,842	
OTHER COMBAT OPS SUPPORT PROGRAMS	197,861	197,861	
JCS EXERCISES	37,973	37,973	
MANAGEMENT/OPERATIONAL HEADQUARTERS	106,309	106,309	
TACTICAL INTEL AND OTHER SPECIAL ACTIVITIES	216,743	216,743	
SPACE OPERATIONS:			
LAUNCH FACILITIES	237,508	237,508	

29

[iii tilousalius oi uoliais]			
	1997 budget es- timate	Senate allow- ance	Senate com- pared to budget estimate
LAUNCH VEHICLES	106,266	106,266	
SPACE CONTROL SYSTEMS	311,304	311,304	
SATELLITE SYSTEMS	44,301	44,301	
OTHER SPACE OPERATIONS	101.723	101,723	
DOD SPACE ARCHITECT		2,399	+ 2,399
BASE SUPPORT	291,242	297,242	+ 6,000
MAINTENANCE OF REAL PROPERTY	109,736	118,336	+ 8,600
TOTAL, BUDGET ACTIVITY 1	9,385,609	9,115,563	- 270,046
BUDGET ACTIVITY 2: MOBILIZATION:			
MOBILITY OPERATIONS:			
AIRLIFT OPERATIONS	1,584,175	1,584,175	
AIRLIFT OPERATIONS C3I	13,784	13,784	
MOBILIZATION PREPAREDNESS	138,167	138,167	
PAYMENTS TO TRANSPORTATION BUSINESS AREA	422,700	422,700	
BASE SUPPORT	408,945	417,945	+ 9,000
MAINTENANCE OF REAL PROPERTY	121,486	130,986	+ 9,500
TOTAL, BUDGET ACTIVITY 2	2,689,257	2,707,757	+ 18,500
BUDGET ACTIVITY 3: TRAINING AND RECRUITING: ACCESSION TRAINING:			
OFFICER ACQUISITION	48,213	48,213	
RECRUIT TRAINING	4,586	4,586	
RESERVE OFFICER TRAINING CORPS (ROTC)	42,738	42,738	
BASE SUPPORT (ACADEMIES ONLY)	56,843	56,843	
MAINTENANCE OF REAL PROPERTY (ACADEMIES ONLY)	40,050	40,050	
BASIC SKILLS AND ADVANCED TRAINING:			
SPECIALIZED SKILL TRAINING	195,098	195,098	
FLIGHT TRAINING	331,663	331,663	
PROFESSIONAL DEVELOPMENT EDUCATION	74,060	74,060	
TRAINING SUPPORT	59,607	59,607	
BASE SUPPORT (OTHER TRAINING)	388,965	397,215	+ 8,250
MAINTENANCE OF REAL PROPERTY (OTHER TRAINING)	117,335	126,435	+ 9,100
RECRUITING, AND OTHER TRAINING AND EDUCATION: RECRUITING AND ADVERTISING	52,218	EA 710	. 2 500
EXAMINING	1,954	54,718 1,954	+ 2,500
OFF DUTY AND VOLUNTARY EDUCATION	71,210	80,710	+ 9,500
CIVILIAN EDUCATION AND TRAINING	66,791	66,791	+ 3,300
JUNIOR ROTC	25,233	25,233	
JUNIOR ROTO	23,233	-	
TOTAL, BUDGET ACTIVITY 3	1,576,564	1,605,914	+ 29,350
BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES: LOGISTICS OPERATIONS:			
LOGISTICS OPERATIONS	1,042,759	1,042,759	
TECHNICAL SUPPORT ACTIVITIES	371,521	371,521	
SERVICEWIDE TRANSPORTATION	240,740	240,740	
BASE SUPPORT	581,182	593,932	+12,750
MAINTENANCE OF REAL PROPERTY	217,991	234,991	+ 17,000
SERVICEWIDE ACTIVITIES: ADMINISTRATION	121,337	121,337	
SERVICEWIDE COMMUNICATIONS		268,687	
PERSONNEL PROGRAMS	268,687 89,196		
RESCUE AND RECOVERY SERVICES	44,413	89,196 44,413	
ARMS CONTROL	28,814	28.814	
OTHER SERVICEWIDE ACTIVITIES	,	- / -	
OTHER PERSONNEL SUPPORT	482,192 30,873	482,192 30,873	
CIVIL AIR PATROL CORPORATION	14,526	17,926	
BASE SUPPORT			+ 3,400 + 3,000
PENTAGON RESERVATION FUND TRANSFER	145,053	148,053 40,300	+ 3,000 - 40,300
MAINTENANCE OF REAL PROPERTY	20 127		
SECURITY PROGRAMS: SECURITY PROGRAMS	20,127	21,727 550,240	+ 1,600
SECONTI I NOGRANIS: SECONTI I NOGRANIS	550,240	330,240	

	1997 budget es- timate	Senate allow- ance	Senate com- pared to budget estimate
SUPPORT TO OTHER NATIONS: INTERNATIONAL SUPPORT	12,374	12,374	
TOTAL, BUDGET ACTIVITY 4	4,262,025	4,259,475	- 2,550
CLASSIFIED PROGRAMS UNDISTRIBUTED		- 5,000	- 5,000
CIVILIAN PERSONNEL UNDERSTRENGTHGENERAL REDUCTION, NATIONAL DEFENSE STOCKPILE FUND	- 83,333	- 94,600 - 50,000	- 94,600 + 33,333
FUEL TAX CREDIT DBOF PASSTHROUGH		- 8,500 - 194,500	- 8,500 - 194,500
AIRCRAFT MAINTENANCE DATA SYSTEM		15,000 — 19.800	+ 15,000 - 19.800
	17 000 100		
TOTAL, OPERATION AND MAINTENANCE, AIR FORCE TRANSFER	17,830,122 (83,333)	17,331,309 (50,000)	- 498,813 (- 33,333)
TOTAL FUNDING AVAILABLE	(17,913,455)	(17,381,309)	(-532,146)

ADJUSTMENTS TO BUDGET ACTIVITIES

Adjustments to the budget activities are as follows:

rajustinents to the budget activities are as follows.	
[In thousands of dollars]	
Budget activity 1—Operating forces:	
Contingency operations transfer	-414,000
Ellsworth B–1 squadron	5,400
	30,000
SR-71AWACS EXTEND SENTRY	7,100
B–52 attrition reserve aircraft	+53,600
JSAS	+3,200
Reduction of existing spares inventory	-40,000
Aircraft Parts Reclamation Program	-80,000
Depot maintenance RMS Program	20,000
Depot maintenance	41,200
DOD space architect	2,399
Capital assets reduction	-3,745
Aircraft maintenance data system	15,000
Budget activity 3—Training and other training and education:	0.500
Recruiting and advertising	2,500
Off-duty and voluntary education	9,500
Budget activity 4—Administration and servicewide activities:	2 400
Civil Air Patrol	3,400
Pentagon reservation fund transfer	$-40,\!300$
Other adjustments:	
DBOF passthrough	-194,500
Civilian personnel under strength	-94,600
USTRANSCOM efficiencies	-19,800
Fuel tax credit	-8.500
Classified programs	-5,000
. 0	

COMMITTEE ADJUSTMENTS

O&M SUPPORT OF MILITARY FORCES

 $B\!-\!1~squadron.\!-\!\$5,\!400,\!000$ has been appropriated in support of emergent requirements identified subsequent to submission of the

emergent requirements identified subsequent to submission of the Air Force's budget request.

AWACS EXTEND SENTRY.—The Committee supports the Senate Armed Services Committee decision to authorize funds for acceleration of the EXTEND SENTRY Program in fiscal year 1997.

B-52 aircraft.—The Committee provides authorized funding of \$53,600,000 to fund attrition reserve B-52 aircraft.

Air Force Maui optical station.—The Committee understands that the Air Force Space Command's operation and maintenance budget includes \$11,000,000 for the Maui space surveillance site [MSSS]. The Committee directs that these funds shall only be made available for operation, maintenance, development, and test activities at MSSS.

VC-X.—The Committee has expressed its reservations to the Air Force about the service's plan for acquiring aircraft to accomplish the VC-137 large aircraft mission. The Committee continues to believe that the best balance between costs and capabilities can be achieved through acquisition of the smallest aircraft, in the most modest configurations, needed to support the broadest range of most-often-flown Federal Government missions.

The Committee opposes acquisition of any nonnarrow body large jet aircraft to support the official travel requirements of the armed services, executive branch, and legislative branch.

Capital assets reduction.—The Committee has reduced funding for defense business operations fund activities by \$3,745,000 to reflect the elimination of capital assets projects at Air Force ALC's scheduled to be closed through previous BRAC actions.

ADMINISTRATIVE COSTS

OTHER AIR FORCE PROGRAMS

Civil Air Patrol.—The Committee directs the Secretary of the Air Force to provide, at a minimum, the following amounts for the Civil Air Patrol:

CAP operations:	
O&M	\$15,400,000
Aircraft procurement	2,600,000
Vehicle/comm procurement	1,100,000
Counternarcotics	3 600 000

The amounts delineated above are \$3,400,000 above the amount requested by the Air Force for Civil Air Patrol operations and maintenance.

OPERATION AND MAINTENANCE, DEFENSE-WIDE

Appropriations, 1996	\$10,388,595,000
Budget estimate, 1997	
Committee recommendation	9.953.142.000

The Committee recommends an appropriation of \$9,953,142,000. This is \$203,326,000 below the budget estimate.

SUMMARY OF COMMITTEE ADJUSTMENTS

Allocations of the Committee adjustments are made for each operation and maintenance, Defense-wide funding category identified in the Department's O-1 submission. A table showing the budget estimate, Committee adjustment, and recommended funding level by O-1 category is provided below. Proposed transfers of funds between budget activity funding categories in excess of \$10,000,000 are subject to standard reprogramming procedures.

32

	1997 budget estimate	Senate allow- ance	Senate com- pared to budg- et estimate
OPERATION AND MAINTENANCE, DEFENSE-WIDE			
BUDGET ACTIVITY 1: OPERATING FORCES:			
JOINT CHIEFS OF STAFF	464,199	469,199	+ 5,000
SPECIAL OPERATIONS COMMAND	962,319	977,619	+ 15,30
SOCOM RPM	,	2.000	+ 2.000
SUCUM RYM		2,000	+ 2,000
TOTAL, BUDGET ACTIVITY 1	1,426,518	1,448,818	+ 22,300
BUDGET ACTIVITY 2: MOBILIZATION: DEFENSE LOGISTICS AGENCY	21,942	21,942	
BUDGET ACTIVITY 3: TRAINING AND RECRUITING:			
DEFENSE ACQUISITION UNIVERSITY	100,417	90.417	-10,000
SPECIAL OPERATIONS COMMAND	35,500	35,500	,
SPECIAL OPERATIONS COMMINAND	33,300	33,300	
TOTAL, BUDGET ACTIVITY 3	135,917	125,917	-10,000
BUDGET ACTIVITY 4: ADMIN and SERVICEWIDE ACTIVITIES:			
AMERICAN FORCES INFORMATION SERVICE	100,558	100.558	
CORPORATE INFORMATION MANAGEMENT	46,367	46,367	
CLASSIFIED AND INTELLIGENCE	3,384,576	3,333,876	- 50.700
DEFENSE CIVILIAN PERSONNEL MANAGEMENT SERVICE	49.302	49.302	,
DEFENSE CONTRACT AUDIT AGENCY		335.486	
	335,486	,	
DEFENSE INVESTIGATIVE SERVICE	193,232	193,232	07.000
DEFENSE LOGISTICS AGENCY	1,181,738	1,083,938	− 97,800
DEFENSE LEGAL SERVICES AGENCY	7,297	7,297	
DEFENSE MAPPING AGENCY	741,157	721,157	-20,000
DEFENSE NUCLEAR AGENCY	85,083	88,083	+3,000
DEFENSE POW/MIA OFFICE	12,694	12,694	
FEDERAL ENERGY MANAGEMENT PROGRAM	116,853	20,000	− 96,853
DEPARTMENT OF DEFENSE DEPENDENTS EDUCATION	1,322,254	1,322,854	+ 600
DEFENSE SUPPORT ACTIVITIES	125,269	125,269	
DEFENSE TECHNOLOGY SECURITY ADMINISTRATION	10,504	10,504	
JOINT CHIEFS OF STAFF	121,295	121,295	
OFFICE OF ECONOMIC ADJUSTMENT	39,330	39,330	
OFFICE OF THE SECRETARY OF DEFENSE	339,558	329,185	-10,373
ON SITE INSPECTION AGENCY	109,030	95,030	-14,000
SPECIAL OPERATIONS COMMAND	55,200	55,200	
WASHINGTON HEADQUARTERS SERVICES	195,308	181,308	-14,000
TOTAL, BUDGET ACTIVITY 4	8,572,091	8,271,965	- 300,126
LEGACY		15,000	+ 15,000
PENTAGON RESERVATION FUND		83.100	+ 83.100
CIVILIAN PERSONNEL UNDERSTRENGTH		-51,600	- 51,600
REPAIRS TO FEDERALLY-FUNDED SCHOOLS		20,000	+ 20,000
NDIAN LAND REMEDIATION	•••••	8,000	+ 8,000
EMERGENCY PREPAREDNESS AND RESPONSE		5,000	+ 5,000
INNOVATION READINESS TRAINING		5,000	+ 5,000
TOTAL, OPERATION AND MAINTENANCE, DEFENSE-WIDE	10,156,468	9,953,142	- 203,326

Adjustments to the budget activities are as follows: [In thousands of dollars] Budget activity 1—Operating forces:

Budget activity 1—Operating forces:	
Exercise Northern Edge	5,000
Special Operations Command	15,300
SEAL delivery vehicle team one	2,000
Budget activity 3—Training and recruiting: Defense Acquisition Univer-	,
sity	-10,000
•	,

Budget activity 4—Administration and servicewide activities:	
Classified and intelligence	-50,700
Defense Logistics Agency:	,
PTAP	18,000
Civilian personnel under strength	-25,800
RMS-DBOF	-90,000
Defense Nuclear Agency	3,000
Defense Nuclear Agency	,
FEMP	-96,853
DODDS math teacher leadership development project	600
Defense Mapping Agency	-20,000
On Site Inspection Agency	-14,000
Office of the Secretary of Defense	-20,373
Defense Manpower Data Center	10,000
Washington headquarters services	-14.000
Other adjustments:	,
Legacy	15,000
Repairs to federally funded schools	20,000
Indian lands remediation	8,000
Emergency preparedness and response	5,000
Civilian personnel under strength	-54,600
Pentagon renovation fund	83,100
Innovative readiness training	5,000

COMMITTEE ADJUSTMENTS

ADMINISTRATIVE COSTS

Procurement Technical Assistance Program [PTAP].—The Committee provides \$18,000,000 to fund this worthwhile initiative and directs the Secretary of Defense to ensure that Defense Logistics Agency includes funding for this program in its fiscal year 1998 request.

DFAS transfer to GSA.—The Committee supports the decision of the Senate Armed Services Committee to authorize a transfer of \$9,000,000 from the Defense Finance and Accounting Service [DFAS] to the Government Services Administration [GSA] in support of renovation efforts at the former Fort Benjamin Harrison and directs this transfer be made from within funds appropriated.

Tents.—The Committee understands that the roughly 3,000 tents utilized by Army personnel deployed to Bosnia required repair with heat-sealed tape to arrest leaking problems. Over 20,000 of these general purpose tents remain in the DPSC inventory and require a permanent sealed-seam fix. The Committee directs Defense Logistics Agency to commence this effort from within funds appropriated.

On Site Inspection Agency.—The Committee directs a reduction of \$14,000,000 due to anticipated delays in treaty implementation.

Civil-military programs.—The Committee is disappointed that all of the funds appropriated in the fiscal year 1996 Defense appropriations bill for the civil-military programs were not used for this purpose. Accordingly, the Committee directs the Department to allocate the funds in fiscal year 1997 as follows:

Challenge Program	\$45,000,000
Starbase	5,500,000
Innovative readiness training	19,000,000

The Committee directs the Department to report to the Defense subcommittees on the status of the obligation of these funds not later than February 15, 1997.

Innovative readiness training.—The Department has conducted civil-military innovative readiness training [IRT] throughout the United States since the early 1990's. Through the use of Active and Reserve component personnel, this program provides community support in the areas of health care, engineering, and infrastructure. These combat support and service support units gain valuable hands-on mission essential readiness training. The Committee supports this realistic training, and endorses such projects as TRANSAM, Arctic Care, Walking Shield, and Guard MIRT. The Committee believes that the Department should expand the scope of these readiness training initiatives to include native American groups when appropriate and compatible with mission requirements.

Increased use of reserve components.—The Committee supports the Department's pilot program to increase the use of reserve components in contingency operations. The Committee notes that the fiscal year 1997 President's budget request included \$25,000,000

for this purpose and endorses this approach.

Legacy Program.—In 1991, the Committee created the Legacy Program to coordinate, enhance, and expand the natural and cultural resource management efforts at military installations. For the first time since its inception, the Department did not request funding for the program. The Committee recommends \$15,000,000 for the continuation of the Legacy Program. Such funds should also be available for efforts within the Sikes Act (Public Law 99–561) pursuant to section 349 of Senate Report 104–267. The Department is expected to program adequate funding for the Legacy Program in fiscal year 1998.

Repatriation of remains.—The Committee urges the Department to provide any necessary funds to complete an ongoing effort to rebury 1,500 native Hawaiian remains at the Kaneohe Marine Corps Air Station. The Committee believes that the claimants recognized under the Native American Grave Protection and Repatriation Act should be consulted with regard to any determination affecting the place and manner of reburial, or costs associated therewith.

Curation assessment.—The Department has a large collection of prehistoric relics extracted from DOD bases and installations. These relics are located in California, Colorado, and Montana. The Committee believes that this collection has not been properly cared for. In some cases prehistoric bones are being stored in unhumidified railroad cars and warehouses. The Committee urges the Department to provide any necessary funds to develop a plan to take appropriate action to store these artifacts. The Department is responsible for preserving this important natural resource.

DOD/NOAA coordination.—The fiscal year 1993 Senate Appropriations report (S. Rept. 102–408) directed the Department to initiate a program with the National Oceanic and Atmospheric Administration [NOAA] to help remediate NOAA sites on installations owned by the Department. This initiative will provide the Department with NOAA's technical expertise and support for the remediation and restoration of hazardous waste sites affecting the marine and coastal zone and facilitate natural resource coordination at these sites. The Committee directs that within in the "Operation

and maintenance, defense-wide" account the Department shall provide not less than \$5,000,000 for this effort no later than February 1, 1997.

OPERATION AND MAINTENANCE, ARMY RESERVE

OFERATION AND MAINTENANCE, ARMIT RESERVE	
Budget estimate, 1997	,119,191,000 ,084,436,000 ,129,436,000
The Committee recommends an appropriation of \$1,12 This is \$45,000,000 above the President's budget. All recommended adjustments to the budget request, those items discussed elsewhere in this report, are subelow:	including
[In thousands of dollars]	
P	Committee
Program Civilian manpower shortfall Real property maintenance backlog	adjustments 15,000 30,000
Total adjustments	45,000
Recommended appropriations	1,129,436
OPERATION AND MAINTENANCE, NAVY RESERVE	
Appropriations, 1996 Budget estimate, 1997 Committee recommendation	\$859,542,000 843,927,000 861,527,000
The Committee recommends an appropriation of \$86 This is \$17,600,000 above the President's budget.	51,527,000.
[In thousands of dollars]	
Program	Committee adjustments
Aircraft depot maintenance Real property maintenance Contingency operations transfer	5,000 15,000
Total adjustments	17,600
Recommended appropriations	861,527
OPERATION AND MAINTENANCE, MARINE CORPS RESI	ERVE
Appropriations, 1996	\$100,283,000 99,667,000 115,367,000
The Committee recommends an appropriations of \$11 This is \$15,700,000 over the President's budget.	5,367,000.
[In thousands of dollars]	
	Committee
Program Personnel support equipment Real property maintenance	adjustments 10,700 5,000
Total adjustments	15,700

OPERATION AND MAINTENANCE, AIR FORCE RESERVE

Appropriations, 1996	\$1,519,287,000
Budget estimate, 1997	1,488,553,000
Committee recommendation	1,494,953,000

The Committee recommends an appropriation of \$1,494,953,000. This is \$6,400,000 over the President's budget.

[In thousands of dollars]

Program	Committee adjustments
AWAC's Associate Reserve Program	1,400
Associate Flying Hour Program	5,000
Total adjustments	6,400
Recommended appropriations	1,494,953

OPERATION AND MAINTENANCE, ARMY NATIONAL GUARD

Appropriations, 1996	\$2,440,808,000
Budget estimate, 1997	2,208,477,000
Committee recommendation	2,294,477,000

The Committee recommends an appropriation of \$2,294,477,000. This is \$86,000,000 above the President's budget.

All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]

Program	$Committee \ adjustments$
Real property maintenance backlog	75,000 11,000
Total adjustments	86,000
Recommended appropriations	2,294,477

NATIONAL GUARD EDUCATIONAL INITIATIVES

The Committee supports the emphasis that the National Guard places on educational initiatives that improve overall readiness and create cost efficiencies. Specifically, the Committee endorses the distance learning initiative as a mechanism to achieve those ends. The Committee has provided \$11,000,000 in the Army National Guard "Operation and maintenance" appropriation and \$29,000,000 in "Other procurement, Army" appropriations in fiscal year 1997, to continue the expansion of this program. The Committee directs the Chief of the National Guard Bureau to create a chief information officer within the National Guard Bureau to ensure the integration of all Army and Air Guard information management to reduce duplication and redundancy between systems.

The Committee recognizes that some residents of rural communities lack some educational prerequisites to compete effectively for the opportunities available through the National Guard. Many of those who choose to participate in the military may need to increase their educational level in order to reach military standards. The Committee directs the Department to provide a plan to remedy this situation. This report should be provided to the Defense Sub-

committee not later than May 15, 1997.

Real property maintenance, Army National Guard.—Last year the Committee provided an increase for in-house recurring maintenance and day-to-day repairs, as well as in-house and contract projects required to maintain, repair, and adapt facility infrastructure to meet mission needs. The Committee has recommended \$75,000,000 for this purpose in fiscal year 1997. The Committee intends for these funds to be used to reduce the growing Army National Guard real property maintenance project backlog.

The funds provided under this heading are in addition to any other funds appropriated to the Army for real property mainte-

nance on behalf of the Army National Guard.

OPERATION AND MAINTENANCE, AIR NATIONAL GUARD

Appropriations, 1996	\$2,776,121,000
Budget estimate, 1997	2,654,473,000
Committee recommendation	2,721,973,000

The Committee recommends an appropriation of \$2,721,973,000. This is \$67,500,000 above the President's budget.

All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

[In thousands of dollars]

Program	Committee adjustments
Flying Hour Program	10,000
Fighter force structure	50,800
C-130 operations	6,700
Total adjustments	
Recommended appropriations	2,721,973

CONTINGENCY OPERATIONS TRANSFER ACCOUNT

Appropriations, 1996	
Budget estimate, 1997	
Committee recommendation	

The Committee has established a separate account to fund ongoing contingency operations and has relocated the amounts included in the services' fiscal year 1997 operation and maintenance requests to this account. An additional amount of \$148,400,000, required by the services in support of IFOR operations and identified subsequent to the budget request submission, is included in the total of \$1,069,957,000. The Committee does not require prior notification of transfers from this account; however, the Secretary of Defense shall provide quarterly reports to the Defense subcommittees, with the first report due not later than January 15, 1997, with subsequent reports due every 90 days. These reports shall include details as to amounts transferred and the requirements funded, similar to the information provided in supplemental and reprogramming requests.

COURT OF MILITARY APPEALS

Appropriations, 1996	\$6,521,000
Budget estimate, 1997	6,797,000
Committee recommendation	6,185,000

The Committee recommends an appropriation of \$6,185,000, which is \$612,000 below the budget estimate, for activities of the Court of Military Appeals for fiscal year 1997.

ENVIRONMENTAL RESTORATION

Appropriations, 1996	\$1,422,200,000
Budget estimate, 1997	1,333,016,000
Committee recommendation	1,383,016,000

The Committee recommends an appropriation of \$1,383,016,000. This is \$50,000,000 above the budget estimate. To conform to the President's budget the Committee has established five new accounts including formerly used defense sites [FUDS]. The Committee has provided the following funding:

Army	\$356,916,000
Navy and Marine Corps	302,900,000
Air Force	414,700,000
Defense-wide	38,650,000
Formerly used defense sites	269,850,000

COMMITTEE ADJUSTMENTS

Last year, the Committee directed that all funds within the "Defense environmental remediation" account for the Army, Air Force, Navy, and Marine Corps be distributed to each specific service. The Committee commends the Department for its implementation of the devolvement process.

The Committee does not concur with the Department's request to reduce environmental restoration funding for fiscal year 1997. The Department had previously urged that a level amount of funding be sustained. The Committee has added \$50,000,000 in an effort to sustain this level.

Formerly used defense sites [FUDS].—In past years, funding for FUDS was included as part of the Army's DERA account. The Committee finds that greater visibility is needed for the FUDS program. Therefore, funding for the FUDS will be provided in a separate appropriation. The Committee directs that management of this appropriation remain with the Army.

Total environmental remediation contracts [TERC].—In testimony before this subcommittee on May 8, 1996, the Chief of the Corps of Engineers stated that only 15 percent of all Corps of Engineers contracts for environmental remediation are TERC contracts. The Committee directs that not more than 25 percent of funding obligated by the Corps of Engineers for environmental remediation

shall be executed through existing TERC contracts.

Project consolidations.—The Committee endorses the significant savings attained through the consolidation of remediation at sites which include multiple cleanup requirements. Such project consolidations could include formerly used defense sites and building demolition and debris removal. Even though these sites do not share the same standing under the relative risk policy, the Committee expects consolidation to a single campaign to minimize the cost of remediation.

Compliance with defense acquisition regulations.—For environmental restoration projects subject to the terms of section 52.2222 of the Defense Federal acquisition regulations [DFAR], the Committee directs that any awardee of contracts for such projects exceeding \$1,000,000 shall submit a plan for compliance with section 52.2222 of the DFAR to the appropriate contracting office not later than 90 days after contract award.

Notification of environmental contract awards.—The Committee remains concerned that the Department failed to fully accomplish the Committee's intent regarding adequate notification of the projects funded by this account. To ensure the Department cannot fail in accomplishing this direction, the Office of Environmental Security shall notify interested State and local authorities and interested Members of Congress upon release of draft solicitations for contracts anticipated to exceed \$1,000,000. The Committee directs that this requirement shall apply to all increments of indefinite delivery indefinite quantity-type contracts which meet this threshold.

Building demolition and debris removal.—From funds available within this heading, the Committee directs the Department to conduct building demolition and debris removal for formerly used defense sites transferred to the Department of the Interior.

DFSC Anchorage facility.—The Committee expects the Department of Defense to begin the necessary environmental remediation at the Defense Fuel Supply Point Anchorage facility in early fiscal year 1997 on an incremental basis. This cleanup work should include the removal and disposition of the fuel storage tanks located

at the facility.

Rocky Mountain Arsenal.—The Committee considers that priority should be given to implementation of the 10-year cleanup plan for the Rocky Mountain Arsenal property that has been agreed to by the Army, the U.S. Fish and Wildlife Service, the Environmental Protection Agency, the State of Colorado, and Shell Oil Co. The Army is directed to report to the Committee its plans for implementing this initiative and the annual funding that will be required for its completion.

Emissions limitation technology.—The Committee notes the development of an alternative technology designed to capture and destroy or remove particulate emissions or volatile air pollutants that occur during abrasive blasting and coating operations at naval shipyards. The Committee encourages the Department to conduct a pilot program to test this technology and to report to the Com-

mittees on Appropriations upon completion.

Paint stripping technologies.—Last year, the Committee noted its interest in the Department's evaluation of available mechanical and chemical paint stripping technologies. The Committee reiterates its concern about the cost effectiveness of mechanical methods compared with more recently developed chemical methods. The Committee directs the Department to ensure that its evaluation of this issue is comprehensive and draws upon the expertise of all experienced parties within the Department.

Restoration advisory boards.—The Committee continues to support the Restoration Advisory Board process. The Committee believes participants in this process should only be residents of the State in which the remediation is to take place or communities which reside in locations contiguous to the remediation site. The Committee directs the Department to review its criteria for partici-

pation in the RAB process and consider the development of commu-

nity relation plans for smaller communities.

Formerly used defense sites.—The Committee recommends a total of \$269,850,000 for the Formerly Used Defense Sites [FUDS] Program for fiscal year 1997. This is an increase of \$50,000,000 above the Department's request. In addition to the \$219,850,000 requested for the FUDS Program, the following is provided to increase those efforts the Committee believes should be on an equal status.

PCB and asbestos remediation	\$25,000,000
Building demolition and debris removal [BDDR]	5,000,000
Containerized hazardous, toxic, and radioactive waste [CON/	
HTRW] removal	20,000,000

FORMER SOVIET UNION THREAT REDUCTION

Appropriations, 1996	\$300,000,000
Budget estimate, 1997	327,900,000
Committee recommendation	327,900,000

This program was established in 1992 to promote denuclearization and reduce the threat of weapons proliferation in the former Soviet Union.

OVERSEAS HUMANITARIAN, DISASTER, AND CIVIC AID

Appropriations, 1996	\$50,000,000
Budget estimate, 1997	80,544,000
Committee recommendation	49,000,000

Landmines.—Of the funds provided in this account, the Committee appropriates \$20,000,000 for the purpose of clearing landmines.

TITLE III

PROCUREMENT

ESTIMATES AND APPROPRIATION SUMMARY

The President's Department of Defense fiscal year 1997 title III procurement budget request totals \$38,137,109,000. This request is \$5,932,207,000, or 13.4 percent, below the amounts Congress appropriated in fiscal year 1996 for procurement activities. The amounts the President's request allocates for procurement are at their lowest level since 1950. Since 1985 the "Procurement" account, responsible for the modernization of U.S. forces, has declined in excess of 70 percent.

Title III of the accompanying bill recommends a total of \$44,124,082,000 in new budget authority. The total amount recommended is an increase of \$5,986,973,000 to the fiscal year 1997 budget request. The following table summarizes the procurement budget estimates, the Committee recommendations, and a comparison.

[In thousands of dollars]

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
Aircraft procurement, Army	970,815	1,283,815	+ 313,000
Missile procurement, Army	766,329	982,829	+216,500
Procurement of weapons and tracked combat vehicles,	,	,	,
Army	1,102,014	1,449,714	+347,700
Procurement of ammunition, Army	853,428	1,118,329	+264,901
Other procurement, Army	2,627,440	3,295,486	+ 668,046
Subtotal, Army	6,320,026	8,130,173	+ 1,810,147
Aircraft procurement, Navy	5,881,952	7,239,704	+ 1,357,752
Weapons procurement, Navy	1.400.363	1.500.154	+ 99,791
Shipbuilding and conversion, Navy	4,911,930	6,193,330	+1,281,400
Other procurement, Navy	2,714,195	2,944,519	+ 230,324
Procurement, Marine Corps	555,507	660,507	+ 105,000
Subtotal, Navy	15,463,947	18,538,214	+ 3,074,267
Aircraft procurement, Air Force	5,779,228	6.630.370	+ 851.142
Missile procurement, Air Force	2,733,877	2,713,944	-19,933
Other procurement, Air Force	5,998,819	5,577,787	-421,032
Subtotal, Air Force	14,511,924	14,922,101	+ 410,177
Procurement, Defense-wide	1,841,212	1.773.794	- 67.418
National Guard and Reserve equipment		759,800	+ 759,800
Total, procurement	38,137,109	44,124,082	+ 5,986,973

ITEMS OF SPECIAL INTEREST

OVERSIGHT

The Committee is concerned about several actions taken this year by the Department of Defense which would interfere with Congress' ability to ensure that defense program funds are used for

the purposes for which they are appropriated.

The Committee disagrees with the Department's reclassification from the "Procurement" appropriations account to the "Research, development, test and evaluation" appropriations account of funds requested for low-rate initial production [LRIP]. The Committee also understands that the Department is considering modifications to the below-threshold reprogramming procedures.

The Committee recommends a general provision to ensure that any proposed change results from in-depth, advance consultations

with the congressional defense committees.

The Committee further directs the Air Force to continue to comply with previously imposed requirements for advance consultation

and notification of significant program changes.

In addition, the Air Force is directed that it may not below threshold reprogram (to or from), or use for any other purpose, funds specifically added by the Congress for procurement and RDT&E without advance consultation and notification to the congressional defense committees.

AIRBORNE RECONNAISSANCE INITIATIVE

Since the creation of the Defense Airborne Reconnaissance Program [DARP], the Committee has supported its activities. However, the Committee has become increasingly alarmed at the consistent and continuing trend by the program to fund new initiatives at the expense of proven systems that are currently in use and are critical to the national security. In reviewing the fiscal year 1997 request, the Committee has determined that many of the initiatives begun by DARP have been terminated due to developmental problems, were merged with other initiatives that have yet to reach fruition or simply renamed and continued. Concurrently, identified funding shortfalls to upgrade current systems persist, despite their recognized importance. In an effort to strike a more harmonious balance between fulfilling today's requirements and meeting tomorrow's needs, the Committee has determined that programs managed by DARP should be returned to the services.

The Committee expects the services to work together on all joint programs to achieve the successes they have enjoyed with such programs as V–22, JDAM, and AMRAAM. Accordingly, the Committee has realigned the funding of programs that currently passes through DARP to service program offices and has appropriated the funds directly to those offices. The Committee directs that all military personnel and O&M funding associated with DARP activities be returned to the appropriate service. The following table provides a funding breakout and associated transfers:

43

Hn	thousands	O†	dol	lars	

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Tactical UAV:			
RDT&E, Defense-wide	64,608		-64,608
Procurement, Defense-wide	12,588		-12,588
RDT&E, Navy		51,808	+51,808
Other procurement, Navy		12,588	+12,588
Advanced sensor development:		,	,
RDT&E, Defense-wide	66,367		-66,367
RDT&E, Air Force		66,367	+ 66,367
Advanced technology and sensors:		,	,
RDT&E, Defense-wide	17,523		-17,523
RDT&E, Air Force	,	17,523	+17,523
Common data link:		,	,
RDT&E, Defense-wide	29,431		-29,431
RDT&E, Air Force	,	22,931	+22,931
Endurance UAV [MAE]:		22,001	. 22,001
RDT&E, Defense-wide	6.099		-6.099
Procurement, Defense-wide	- /		- 57,791
RDT&E, Navy	,	6.099	+ 6,099
Other Procurement, Navy		65,791	+65,791
Endurance UAV (HAE common):		00,731	1 00,731
RDT&E, Defense-wide/DARP	71,642		-71,642
RDT&E, Defense-wide/DARPA		71,642	+71,642
Endurance UAV [LO-HAE]:		71,042	1 71,042
RDT&E, Defense-wide/DARP	17,428		-17,428
RDT&E, Defense-wide/DARPA	15,000	32,428	+ 17,428
Endurance UAV (HAE conventional):	10,000	02,420	1 17,420
RDT&E, Defense-wide/DARP	81.228		-81.228
RDT&E, Defense-wide/DARPA		71.428	+71,428
U–2:		71,420	1 71,420
RDT&E, Defense-wide	28.918		-28.918
RDT&E, Air Force	- /	28,918	+28,918
Common imagery ground surface system:		20,310	1 20,310
RDT&E, Defense-wide	47,780		-47,780
Procurement, Defense-wide	98,488		- 98,488
RDT&E, Air Force		55,280	+ 55,280
Other procurement, Air Force		90,988	+ 90,988
Airborne reconnaissance ground station:		30,300	1 30,300
RDT&E, Defense-wide	2,419		-2,419
RDT&E, Air Force	,	2.419	+ 2,419
Distributed common ground interoperability system:		۷,413	⊤ ∠,413
RDT&E, Defense-wide	5.116		- 5,116
RDT&E, Air Force	- /	5.116	-5,116 $+5,116$
NDTGE, All TOTO		3,110	7 3,110
Total, RDT&E, Defense-wide	438,559		- 438,559
Total, procurement, Defense-wide	168,867		- 168,867

OTHER COMMITTEE ADJUSTMENTS

The Committee recommends incorporating the following DARP adjustments to the budget estimate in accordance with Senate authorization action. Where appropriate, these recommendations were incorporated into the above table.

[In thousands of dollars]

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Common data link	29,500	23,000	-6,500
SR-71		9,000	+9,000
Tactical UAV	64,600	51,800	-12,800
SIGINT on Global Hawk	9,800		-9,800
Common automatic recovery system		8,000	+8,000

PASSENGER SAFETY MODIFICATIONS

The Committee agrees with the Secretary of Defense that military aircraft carrying passengers should be modified with improved safety-related equipment, such as global positioning system receivers, flight data recorders, cockpit voice recorders, and ground proximity warning systems. The Defense Department has submitted a reprogramming request to spend \$99,188,000 to accelerate these modifications in fiscal year 1996. It seeks an appropriation of \$170,600,000 above the budget request for fiscal year 1997. Since the fiscal year 1996 funds will not be obligated until late in the fiscal period, the Committee recommends an additional appropriation of \$100,000,000 for fiscal year 1997 to maintain a stable funding profile and make significant progress on these modifications. These funds are allocated among the armed services in both the procurement and research, development, test and evaluation appropriations accounts.

The Committee directs that none of the fiscal year 1997 funds may be obligated until the Secretary reports to Congress on the specific criteria used to determine which platforms should be modified, and on the anticipated useful life remaining on these aircraft after the modifications.

AIR FORCE AIRCRAFT MAINTENANCE DATA SYSTEMS

The Committee continues its very strong support of the Air Force development program to transition its aircraft maintenance data system requirements to the integrated maintenance data system [IMDS]. Consistent with the position of this Committee within the fiscal year 1995 and 1996 appropriations reports, no funds have been provided to upgrade or improve the Air Force's legacy maintenance data systems, reliability and maintenance information system [REMIS], tactical interim CAMS/REMIS reporting system [TICARRS], and CAMS. The Committee, however, recommends that sufficient funds should be provided to maintain and operate these legacy systems until the transition to IMDS is completed. To this end, the Committee recommends providing an additional \$8,500,000 for REMIS, \$1,000,000 for CAMS, and \$5,500,000 for TICARRS within the "Operation and maintenance, Air Force" account to operate and maintain these systems through the end of fiscal year 1997. The Committee has been informed by the Air Force that IMDS will transition in fiscal year 1998 and it is the Air Force's intent to terminate these legacy systems by the end of fiscal year 1997.

INFORMATION MANAGEMENT—YEAR 2000

The Committee is concerned about the potentially huge expenses associated with correcting the year 2000 date transition problems in all DOD software. The Committee read, with interest, the memorandum from the Assistant Secretary of Defense for Command, Control, Communications, and Intelligence [C³I] to all DOD information system managers directing them to question their vendors on how they planned to fix the software they have developed for DOD.

The Committee understands that there are generally two solutions to this problem: repair or replacement. To date, the principle approach to dealing with the problem appears to focus on repairing code by slow and expensive line-by-line patching methods involving the use of standard tools.

The Committee has become aware of a new class of extremely rapid, software application development tools and concepts, which use template infrastructures and libraries of proven, object-oriented code to quickly and reliably produce replacement application products. This class of tools, if benchmarked or otherwise certified, could provide a low-cost means of quickly rewriting and modernizing massive amounts of software incident to fixing the year 2000 problem.

Because of the limited use to date of these new tools and the attendant lack of comprehensive knowledge as to their effectiveness, the Committee provides \$5,000,000 within procurement, Defensewide, enough for benchmarking competitively selected software application development systems. With less than 1,000 days left before the first wave of problems associated with year 2000, the Committee desires the benchmarking to be completed quickly, on a representative large application.

HANDGUN STANDARDIZATION

The Committee continues to assert its commitment to the standardization of handguns procured by the Department of Defense and has again reaffirmed its position in a general provision in the bill. The policy, prohibiting the purchase of handguns other than the M–9 9 mm, has been clearly articulated in law since 1994.

The Committee understands that the Navy intends to procure, on a sole-source basis, M–11 handguns for all pilots. Whereas all other service pilots use the standard 9 mm, the Navy believes that they have a unique requirement that can only be filled by the M–11. Prior to the award of a sole-source contract for any weapon other than the M–9, the Navy shall provide a cost/benefit analysis and a full justification as to why the M–9 will not meet its requirements to the congressional defense committee justifying its decision.

AIRCRAFT PROCUREMENT, ARMY

Appropriations, 1996	\$1,558,805,000
Budget estimate, 1997	970,815,000
Committee recommendation	1.283.815.000

The Committee recommends \$1,283,815,000, an increase of \$313,000,000 to the budget. This appropriation finances the acqui-

sition of tactical and utility helicopters and airplanes, including associated electronics, communications equipment, and armament; modification and modernization of inservice aircraft; flight simulators; ground support equipment; production base support; and components and spare parts including transmissions and gearboxes.

COMMITTEE RECOMMENDED PROGRAM

The Committee recommendation adds funds to increase procurement of utility helicopters, to continue multiyear procurement of heavy attack helicopter upgrades, and to upgrade cargo helicopters. Funds also are increased to buy eight more medium-range, fixed-wing utility aircraft, helicopter cockpit airbag safety systems, and special mission kits and night-vision goggle [NVG] compatible cockpit lighting for utility helicopters. The allowance also adjusts funding for programs as listed in the following tables and as discussed in the text which follows.

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AIRCRAFT PROCUREMENT, ARMY						
AIRCRAFT:						
FIXED WING:						
ARL (TIARA)		24,742		24,742		
C-XX (MEDIUM RANGE) AIRCRAFT			8	35,000	+8	+35,000
GUARDRAIL COMMON SENSOR (TIARA)		1,081		1,081		
ROTARY:						
AH-64 ATTACK HELICOPTER (APACHE)				53,000		+ 53,000
UH-60 BLACKHAWK (MYP)	28	161,279	40	290,379	+ 12	+129,100
UH-60 BLACKHAWK (MYP) (AP-CY)		75,000		75,000		
HELICOPTER NEW TRAINING						
TOTAL, AIRCRAFT		262,102		479,202		+217,100
MODIFICATION OF AIRCRAFT:						
GUARDRAIL MODS (TIARA)		30,612		30,612		
AH1F MODS		1,099		1,099		
AH-64 MODS		43,287		43,287		
CH-47 CARGO HELICOPTER MODS (MYP)		7,802		51,502		+43,700
C-12 CARGO AIRPLANE MODS		644		644		
OH-58 MODS		1,147		1,147		
C-20 AIRCRAFT MODS		882		882		
LONGBOW		356,957		356,957		
LONGBOW (AP-CY)		22,526		22,526		
UH-1 MODS		4,777		4,777		
UH-60 MODS		12,436		12,436		
KIOWA WARRIOR		9,115		9,115		
EH-60 QUICKFIX MODS		13,912		13,912		
AIRBORNE AVIONICS		40,819		40,819		
PASSENGER SAFETY MODIFICATIONS				3,200		+3,200
ASE MODS		4,801		4,801		
MODIFICATIONS < \$2.0M		1,790		1,790		
TOTAL, MODIFICATION OF AIRCRAFT		552,606		599,506		+46,900
SPARES AND REPAIR PARTS		51,106		51,106		
SUPPORT EQUIPMENT AND FACILITIES: GROUND SUPPORT AVIONICS: AIRCRAFT SURVIVABILITY EQUIPMENT OTHER SUPPORT: AIRBORNE COMMAND & CONTROL		436		34,436		+ 34,000

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AVIONICS SUPPORT EQUIPMENT		7,449		12,449		+ 5,000
TRAINING DEVICES		7,339		7,339		
COMMON GROUND EQUIPMENT		24,911		24,911		
AVIATION LIFE SUPPORT EQUIPMENT (ALSE)		6,292		16,292		+10,000
AIR TRAFFIC CONTROL		8,401		8,401		
INDUSTRIAL FACILITIESDMPE		2,081		2,081		
AIRBORNE COMMUNICATIONS		48,092		,092		
TOTAL, SUPPORT EQUIPMENT AND FACILITIES		105,001		154,001		+ 49,000
TOTAL, AIRCRAFT PROCUREMENT, ARMY		970,815		1,283,815		+ 313,000

COMMITTEE RECOMMENDED ADJUSTMENTS

Program and project funding increases.—The Committee recommends the addition of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request; to implement increases endorsed and/or requested by the Army to address budget shortfalls; and to effect funding transfers recommended by the Committee or the Army.

[In thousands of dollars]

	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
C-XX (medium range) aircraft		35,000	+ 35,000
AH-64 attack helicopter (Apache)/training devices UH-60 Blackhawk [MYP] aircraft/special mission kits/		53,000	+ 53,000
NVG lighting	161,300	290,400	+129,100
CH-47 cargo helicopter mods [MYP]/engine upgrades	7,800	51,500	+43,700
Aircraft survivability equipment	436	34,436	+34,000
AVR—2A laser detection set			+11,000
tion kits for Longbow Apache			+13,000
Integration of radar deception jamming devices			+10,000
Aviation life support equipment/cockpit airbag systems Avionics support equipment/UH-60 heads up display/	6,300	16,300	+10,000
night vision system	7,400	12,400	+5,000
Passenger safety modifications (airborne avionics)		3,200	+ 3,200

UH-60 Blackhawk [MYP].—The Committee recommends \$290,400,000, which represents an increase of \$129,100,000 to the budget request for procurement of 28 Blackhawk utility helicopters and associated equipment. Additional funds are provided as follows: \$92,300,000 for 12 additional aircraft, which the Committee directs shall be assigned to the Army National Guard; and \$30,000,000 for special mission kits and night vision goggle compatible cockpit lighting.

The Committee further directs that 4 of the 40 helicopters provided for the Army be configured as UH–60Q platforms for enhanced medical evacuation. An additional \$6,800,000 has been provided for this purpose.

The Committee's recommendation, when combined with procurement funds requested by the Air Force for eight HH-60G helicopter airframes, supports the acquisition of 48 Blackhawk-type aircraft

in fiscal year 1997.

Longbow.—The Army has informed the Committee that the adoption of commercial acquisition practices for the Longbow program is expected to yield significant cost savings. The Committee directs the Army to provide a detailed report of such savings not later than February 15, 1997, and to consult with the Committee well before any savings are obligated for other efforts in the Longbow program or elsewhere in the Army's fiscal years 1996–97 annual spending plans.

MISSILE PROCUREMENT, ARMY

Appropriations, 1996	\$865,555,000
Budget estimate, 1997	766,329,000
Committee recommendation	982,829,000

The Committee recommends an appropriation of \$982,829,000 for the Army's fiscal year 1997 "Missile procurement" account. The Committee's recommended funding level is \$216,500,000 above the

President's budget request.

This appropriation finances the procurement, production, modification, and modernization of missiles, equipment, including ordnance, ground handling equipment, spare parts, and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefor, for the foregoing purposes, and such lands and interest therein, may be acquired, and construction prosecuted thereon prior to approval title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor owned equipment layaway; and other expenses.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the President's budget:

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MISSILE PROCUREMENT, ARMY						
OTHER MISSILES:						
SURFACE-TO-AIR MISSILE SYSTEM:						
PATRIOT SYSTEM SUMMARY (MYP)		2,862		2,862		
AVENGER SYSTEM SUMMARY		12,581		12,581		
AIR-TO-SURFACE MISSILE SYSTEM:						
HELLFIRE SYS SUMMARY	2,805	357,590	2,805	357,590		
ANTI-TANK/ASSAULT MISSILE SYSTEM:						
JAVELIN (AAWS—M) SYSTEM SUMMARY	1,020	162,104	1,168	196,104	+148	+34,000
TOW 2 SYSTEM SUMMARY		13,630		13,630		
MLRS ROCKET	852	24,443	1,702	41,443	+850	+17,000
MLRS LAUNCHER SYSTEMSARMY TACTICAL MSL SYS (ATACMS)—SYS		38,039		105,039		+67,000
SUM	97	92,816	97	92,816		

49

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
TOTAL, OTHER MISSILES		704,065		822,065		+ 118,000
MODIFICATION OF MISSILES						
MODIFICATIONS:						
PATRIOT MODS		11,464		23,464		+12,000
STINGER MODS		16,903		39,703		+22,800
AVENGER MODS				29,000		+29,000
ITAS/TOW MODS		16		33,016		+33,000
DRAGON MODS		3,181		4,881		+1,700
MLRS MODS		6,416		6,416		
TOTAL, MODIFICATION OF MISSILES		37,980		136,480		+ 98,500
SPARES AND REPAIR PARTS		12,089		12,089		
SUPPORT EQUIPMENT AND FACILITIES:						
AIR DEFENSE TARGETS		6.201		6,201		
ITEMS LESS THAN \$2.0M (MISSILES)		992		992		
MISSILE DEMILITARIZATION		1.533		1.533		
PRODUCTION BASE SUPPORT		3,469		3,469		
TOTAL. SUPPORT EQUIPMENT AND FACILI-						
TIES		12,195		12,195		
TOTAL, MISSILE PROCUREMENT, ARMY		766,329		982,829		+ 216,500

COMMITTEE RECOMMENDED ADJUSTMENTS

Javelin.—The Army's budget request includes \$162,104,000 for the procurement of 1,020 Javelin antitank missiles in fiscal year 1997. The Committee recommends providing \$196,104,000, an increase of \$34,000,000 over the budget request and further recommends providing the legislative authority required to proceed with a 3-year multiyear contract.

The Army/Marine Corps Javelin team has included a legislative request to execute a 3-year multiyear contract, beginning in fiscal year 1997, for the procurement of 7,841 missiles. The required multiyear exhibits provided to Congress show a potential savings of \$102,400,000 (11.6 percent) for the same number of missiles procured under three annual contracts. The Committee notes, however, the exhibits and the budget do not include any economic order quantity [EOQ] funds usually associated with multiyear contracts nor a calculation as to additional savings achievable if EOQ funds were included. To that end, the Committee has recommended providing a total of \$44,000,000 in additional funds in fiscal year 1997 (\$34,000,000 for the Army and \$10,000,000 for the Marine Corps) for advance procurement EOQ funds for this potential multiyear contract.

The Committee directs the Army to provide an updated multiyear exhibit which accounts for the additional \$44,000,000 provided for advance procurement in fiscal year 1997 and a revised estimate of the savings achievable under this restructured multiyear contract. This updated exhibit shall be provided to Congress not less than 30 days prior to the date of the proposed contract award. Army tactical missile system [ATACMS].—The budget request includes \$92,816,000 for the procurement of 97 block IA missiles and the Army is further seeking legislative authority to contract for a

4-year multiyear contract beginning in fiscal year 1998.

While the Committee fully supports the procurement of ATACMS block IA missiles, an analysis of the potential savings for the proposed 4-year multiyear submitted by the Army does not justify locking the Department into a multiyear contract for 4 years. The Army has informed the Committee that it believes it can save \$63,000,000, or approximately 10 percent, using multiyear contracting versus an annual buy of the same number of missiles. However, the Committee's analysis show that \$26,100,000 of the \$63,000,000 in savings is solely because of the cost avoidance Army would achieve in buying these missiles in 4 instead of the 5 years budgeted in its future year defense plan.

The Army claims a cost avoidance of \$13,100,000 for management and \$13,000,000 of engineering services that would not have to be paid in the fifth year under the 4-year multiyear contract. Discounting these management and engineering savings, the proposed multiyear contract would save less than \$37,000,000, or 5.7 percent, over an annual buy, not enough for this Committee to recommend its approval. If the Army wants to avoid \$26,100,000 in management and engineering services, the Committee suggests that it should consider procuring the 730 missiles it desires over four annual contract years versus 5 years without obligating the

Government to a multiyear contract.

Stinger mods.—The Committee is aware of an effort by the Army to enhance the lethality of the Stinger missile through a nondevelopmental warhead improvement program. The Committee is also aware that overall spending constraints have prevented full Army funding of this effort. Therefore, of the additional funds provided for Stinger modifications, \$5,000,000 shall be used for warhead retrofit as part of the ongoing Stinger block I improvement program.

Dragon mods.—The Army's fiscal year 1997 budget request includes \$3,181,000 for the application of safety modifications to the Dragon missile. The Committee recommends providing \$4,881,000, an increase of \$1,700,000 above the budget request, to complete safety modifications on the entire inventory of National Guard Dragon missiles.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

	1997 budget estimate	Committee recommendation	Change from budget estimate
MLRS rocket	24,443	41,443	+ 17,000
MLRS launcher systems	38,039	105,039	+67,000
Patriot modifications	11,464	23,464	+12,000
Stinger modifications	16,903	39,703	+22,800
Avenger modifications		29,000	+29,000
ITAS/TOW modifications	16	33,016	+ 33,000

PROCUREMENT OF WEAPONS AND TRACKED COMBAT VEHICLES, ARMY

Appropriations, 1996	\$1,652,745,000
Budget estimate, 1997	1,102,014,000
Committee recommendation	1,449,714,000

The Committee recommends an appropriation of \$1,449,714,000 for the Army's fiscal year 1997 "Procurement of weapons and tracked combat vehicles" account. The Committee recommendation is \$347,700,000 above the President's budget request.

This appropriation provides for the procurement of tanks, armored personnel carriers, and combat engineer vehicles. Funds are also provided for the acquisition of crew-served weapons, grenade launchers, towed and self-propelled guns and howitzers, mortars, laser rangefinders, associated training equipment, modification of laser rangefinders, associated training equipment, modification of inservice equipment, initial spares and repair parts, major components, and production base support.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
PROCUREMENT OF W&TCV, ARMY						
TRACKED COMBAT VEHICLES:						
ABRAMS TRNG DEV MOD		3,184		3,184		
BRADLEY BASE SUSTAINMENT		134,428		191,628		+57,200
BRADLEY FVS TRAINING DEVICES		573		573		
BRADLEY FVS TRAINING DEVICES (MOD)		900		900		
FIELD ARTILLERY AMMUNITION SUPPORT VEH	24	34,400	24	84,400		+50,000
ABRAMS TANK TRAINING DEVICES		12,602		12,602		
ARMORED GUN SYSTEM (AGS)						
M1 ABRAMS TANK SERIES (MYP)						
COMMAND & CONTROL VEHICLE	5	48,985	5	48,985		
MODIFICATION OF TRACKED COMBAT VEHICLES:						
CARRIER, MOD		23,028		43,028		+20,000
BFVS SERIES (MOD)		83,649		119,149		+35,500
HOWITZER, MED SP FT 155MM M109A6 (MOD)		75,000		136,000		+61,000
FAASV						
HOWITZER, MED SP FT 155MM M109A5 (MOD)		130		130		
FAASV PIP TO FLEET		4,727		4,727		
IMPROVED RECOVERY VEHICLE (M88 MOD)		28,641		78,641		+50,000
HEAVY ASSAULT BRIDGE (HAB) SYS (MOD)		51,377		51,377		
M1 ABRAMS TANK (MOD)		50,217		78,217		+28,000
ABRAMS UPGRADE PROGRAM		205,156		205,156		
ABRAMS UPGRADE PROGRAM (AP-CY)		259,330		259,330		
ARMORED COMBAT EARTHMOVER						
MODIFICATIONS LESS THAN \$2.0M (TCV-						
WTCV)		1,050		1,050		
SUPPORT EQUIPMENT AND FACILITIES:						
ITEMS LESS THAN \$2.0M (TCV-WTCV)		141		141		
PRODUCTION BASE SUPPORT (TCV-WTCV) REGIONAL MAINTENANCE TRAINING SITES—		9,328		9,328		
EQUIP		1,368		1,368		
TOTAL, TRACKED COMBAT VEHICLES		1,028,214		1,329,914		+ 301,700
WEAPONS AND OTHER COMBAT VEHICLES: PERSONAL DEFENSE WEAPON (ROLL)						

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MACHINE GUN, 5.56MM (SAW)GRENADE LAUNCHER, AUTO, 40MM, MK19-3	4,345 320	11,103 5.199	4,345 320	12,103 33.199		+ 1,000 + 28,000
MORTAR. 120MM		-,				
M16 RIFLE	9,982	5.552	9.982	6.552		+1.000
5.56 CARBINE M4		5,552	7,704	6,552		+1,000
MACHINE GUN						
MODIFICATION OF WEAPONS AND OTHER COMBAT						
VEHI:						
M4 CARBINE MODS		-,		2,116		
MEDIUM MACHINE GUNS (MODS)						
M16 RIFLE MODS		5,531		20,531		+15,000
MODIFICATIONS LESS THAN \$2.0M (WOCV-						
WTCV)		1,428		1,428		
SUPPORT EQUIPMENT AND FACILITIES:		1 700		1 700		
ITEMS LESS THAN \$2.0M (WOCV—WTCV)		1,769		1,769		
PRODUCTION BASE SUPPORT (WOCV—WTCV) INDUSTRIAL PREPAREDNESS		4,315		4,315		
SMALL ARMS (SOLDIER ENH PROG)		5,091		5,091		
SWALL ARMS (SULDIER ENH PRUG)		5,845		5,845		
TOTAL, WEAPONS AND OTHER COMBAT VEHI-						
CLES		53 501		99 501		+46,000
OLLO		30,301		33,301		. 70,000
SPARES AND REPAIR PARTS (WTCV)		20,299		20,299		
TOTAL, PROCUREMENT OF W&TCV, ARMY		1,102,014		1,449,714		+ 347,700

COMMITTEE RECOMMENDED ADJUSTMENTS

Bradley base sustainment.—The Army's budget request includes \$134,428,000 to sustain the Bradley fighting vehicle production base through the continued upgrade of older generation Bradley's. The Committee recommends providing \$191,628,000, an increase of \$57,200,000 above the President's request. The Committee directs that not less than \$50,000,000 of the funds provided shall be used to upgrade Bradley A–0 vehicles to Bradley A–2 configuration.

Bradley modifications.—The Committee recommends providing \$119,149,000, an increase of \$35,500,000 above the President's request. The Committee recommends providing these funds only for the accelerated procurement of 110 additional GENII sets of armored tiles for the Bradley fighting vehicle system and fully meet the inventory objective of 178 tile sets.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Field artillery ammunition support vehicles	34,400	84,400	+50,000
Carrier modifications	23,028	43,028	+20,000
Howitzer, 155 mm M-109A6 (modifications)	75,000	136,000	+61,000
Improved recovery vehicle (M-88 modification)	28,641	78,641	+50,000
M-1 Abrams tank (modifications)	50,217	78,217	+28,000

53

[In thousands of dollars]

Item	1997 budget estimate	Committee recommendation	Change from budget estimate
Machine gun 5.56 mm [SAW]Grenade launcher, auto, 40 mm, MK-19-3M-16 rifle	11,103	12,103	+ 1,000
	5,199	33,199	+ 28,000
	5,552	6.552	+ 1.000
5.56 carbine M–4	5,552	6,552	+ 1,000
M–16 rifle modifications	5,531	20,531	+ 15,000

PROCUREMENT OF AMMUNITION, ARMY

Appropriations, 1996	\$1,110,685,000
Budget estimate, 1997	853,428,000
Committee recommendation	1,118,329,000

The Committee recommends an appropriation of \$1,118,329,000 for Army ammunition for fiscal year 1997. This is \$264,901,000 above the President's budget request.

This appropriation finances the acquisition of ammunition for

This appropriation finances the acquisition of ammunition for training and war reserve stocks, modernization and maintenance of equipment and facilities (including construction), and maintenance of inactive ammunition facilities.

COMMITTEE RECOMMENDED PROGRAMS

The following table details the Committee recommendation in comparison with the budget request:

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
PROCUREMENT OF AMMUNITION, ARMY						
AMMUNITION:						
SMALL/MEDIUM CAL AMMUNITION:						
CTG, 5.56MM, ALL TYPES		29,752		30,752		+1,000
CTG, 7.62MM, ALL TYPES		3,871		5,871		+ 2.000
CTG, 9MM, ALL TYPES						
CTG, .50 CAL, ALL TYPES		3,971		3,971		
CTG, 20MM, ALL TYPES				300		+300
CTG, 25MM, ALL TYPES		47,176		87,176		+40,000
CTG, 30MM, ALL TYPES				15,000		+15,000
CTG, 40MM, ALL TYPES		34,428		34,428		
SPECIAL PURPOSE AMMUNITION						
MORTAR AMMUNITION:						
CTG MORTAR 60MM 1/10 PRAC M766	7	5,019	7	5,019		
CTG MORTAR 60MM ILLUM M721/M767	14	6,151	14	13,151		+7,000
60MM HE M720				10,000		+10,000
CTG MORTAR 81MM PRAC 1/10 RANGE M880						
CTG MORTAR 120MM FULL RANGE PRACTICE						
XM931	123	49,539	123	49,539		
CTG MORTAR 120MM ILLUM XM930 W/MTSQ FZ	10	19,360	10	19,360		
CTG MORTAR 120MM SMOKE XM929 W/MO						
FUZE	27	30,106	27	30,106		
TANK AMMUNITION:						
CTG 120MM APFSDS-T M829A2	23	79,703	23	89,703		+10,000
CTG 120MM HEAT-MP-T M830A1				45,000		+45,000
CTG TANK 120MM TP-T M831/M831A1	89	52,228	89	54,628		+2,400
CTG TANK 120MM TPCSDS-T M865	211	115,650	211	115,650		
ARTILLERY AMMUNITION:						
CTG ARTY 75MM BLANK M337A1						
CTG ARTY 105MM DPICM XM915	6	14,185	6	14,185		

54 [In thousands of dollars]

[In thousands of dollars]									
	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate			
CTG ARTY 105MM HERA M913									
PROJ ARTY 155MM SMOKE WP M825		15,053		15,053					
PROJ ARTY 155MM HE M795				45,000		+45,000			
PROJ ARTY 155MM SADARM M898	322	60,259	322	93,759		+33,500			
MINES:									
MINE, TRAINING, ALL TYPES		1,930		1,930					
MINE AT/AP M87 (VOLCANO)									
WIDE AREA MUNITIONS	261	19,299	261			- 19,299			
ROCKETS:									
BUNKER DEFEATING MUNITION (BDM)		20. 727		20.727					
ROCKET, HYDRA 70, ALL TYPESOTHER AMMUNITION:		26,737		26,737					
DEMOLITION MUNITIONS, ALL TYPES		20,220		20,220					
GRENADES, ALL TYPES		7,654		7,654					
SIGNALS, ALL TYPES		10,196		10,196					
SIMULATORS, ALL TYPES		2,771		2,771					
MISCELLANEOUS:		2,771		2,771					
AMMO COMPONENTS, ALL TYPES		4,921		4,921					
CAD/PAD ALL TYPES		3,813		3,813					
ITEMS LESS THAN \$2 MILLION		663		663					
AMMUNITION PECULIAR EQUIPMENT		5,653		5,653					
FIRST DESTINATION TRANSPORTATION (AMMO)		5,427		5,427					
SELECTABLE LIGHT-WEIGHT ATTACK MUNITION		0,127		0,127					
(SLAM)				3,000		+3,000			
TOTAL, AMMUNITION		675,735		870,636		+ 194,901			
AMMUNITION PRODUCTION BASE SUPPORT:									
PRODUCTION BASE SUPPORT:									
PROVISION OF INDUSTRIAL FACILITIES		38,508		38,508					
ARMAMENT RETOOLING & MANUFACTURING SUP-		,		,					
PORT (ARMS)				58,000		+58,000			
COMPONENTS FOR PROVE-OUT		1,061		1,061					
LAYAWAY OF INDUSTRIAL FACILITIES		17,622		17,622					
MAINTENANCE OF INACTIVE FACILITIES		31,899		31,899					
CONVENTIONAL AMMO DEMILITARIZATION		88,603		100,603		+ 12,000			
TOTAL AMMUNITION PROPULATION PACE CUR									
TOTAL, AMMUNITION PRODUCTION BASE SUP-		177 000		247 002		. 70 000			
PORT		177,693		247,693		+ 70,000			
TOTAL, PROCUREMENT OF AMMUNITION,									
ARMY		853 428		1 118 329		+ 264 901			

COMMITTEE RECOMMENDED ADJUSTMENTS

Modular artillery charge system [MACS].—Even with the deployment of the next generation howitzer to the force, the .39 caliber M–109 and M–198 series howitzers will continue to be in the Army's inventory well into the next century. In addition, the Army and the Marine Corps are even now developing a new lightweight 155 mm howitzer that will not even enter service until after the turn of the century. With this in mind, the Committee restates its very strong direction for the Army to expeditiously type classify MACS on the .39 caliber gun systems currently fielded on the M–109 family, the M–198 towed, and any future howitzer carrying a .39 caliber tube.

The Army is directed to provide a report to the defense committees, not later than April 1, 1997, on the testing and evaluation schedule leading to type classification of MACS as the item to be procured for replacement/replenishment for the next procurement

increment of artillery propellant.

EPA military munitions rule.—Section 107 of the Federal Facility Compliance Act [FFCA] of 1992 requires the Environmental Protection Agency [EPA], in consultation with the Department of Defense and State officials, to propose and promulgate regulations identifying when conventional military munitions become a hazardous waste subject to the Resource Conservation and Recovery Act [RCRA]. The language of RCRA section 3004(y) was written to balance concerns of protecting human health and the environment, explosives safety, and military readiness.

The Committee directs the Secretary of Defense to provide a report to the defense committees, not later than April 30, 1997, on the potential impact of the Environmental Protection Agency's military munitions rule as it applies to conventional ammunition. The report, at a minimum, shall address the cost to implement, impact on conventional ammunition demilitarization and, if appropriate, any recommended legislative changes to maintain the Army's read-

iness missions.

Wide area munitions [WAM].—The budget request includes \$19,299,000 for the procurement of 261 WAM in fiscal year 1997. The Committee recommends no appropriated funds for fiscal year

1997, a reduction of \$19,299,000 from the request.

According to budget justification documentation submitted with the fiscal year 1996 request, the Army was to be on contract by January 1996 for low rate initial production [LRIP] of the WAM. Because of development delays, however, the fiscal year 1996 LRIP contract has yet to be initiated. The Army now plans to develop and install a command control arm/dearm/destruct capability for the WAM. The Committee believes this is a critical capability that should be installed in all WAM rounds and also believes that the Army should not initiate low rate initial production until this development is completed. To this end, the Committee has recommended an additional \$22,000,000 of research and development funds for fiscal year 1997 for the accelerated development of this enhancement. The Committee also recommends that the \$14,000,000 of unobligated fiscal year 1996 funds be reserved specifically for a late fiscal year 1997 LRIP decision if this development effort is completed prior to fiscal year 1998.

Conventional ammunition demilitarization.—The Committee continues its strong support of this traditionally underfunded program and includes an additional \$12,000,000 to bring the fiscal year 1997 appropriated level consistent with mission requirements and prior funding levels. Of the additional funds provided, \$5,000,000 shall be used for the demilitarization of the Rockeye cluster muni-

tions at the Kansas Army Ammunition Plant.

Ammunition tier depot plan.—The tier depot concept was developed by the Army to support force structure objectives to reduce current U.S. continental ammunition storage infrastructure, decrease manpower requirements, increase efficiencies, and manage a smaller, safer ammunition stockpile.

A tier depot analysis was conducted February through March 1994. The analysis used both quantitative and qualitative measures to create an overall depot ranking. Criteria measured included

capabilities and data for power projection, storage, location, cost, maintenance, inspection and test, and demilitarization. Of these criteria, power projection capability was decided by all of the services to be the most important and given the greatest weight for deciding the tier assignments.

In this analysis, Hawthorne ammunition depot was assigned a tier II status because its reported power projection outloading capability was insufficient to fully support the wartime movement requirements of a tier I installation. However, since the analysis was completed in 1994, rail and road improvements have been made to Hawthorne which now may impact on its ability to meet the power

projection requirements of a tier I depot.

The Committee directs the Secretary of the Army to review the infrastructure improvements which have been or are in the process of being made to Hawthorne Ammunition Depot and make a determination as to whether or not these improvements justify a revalidation of the tier depot analysis using this current data. The Secretary shall provide his determination and justification, in writing, to the congressional defense committees by June 1, 1997. If the Secretary makes a determination that a new analysis is warranted based on the new data, the Committee further directs that the updated analysis shall be completed and provided to the congressional defense committees not later than November 1, 1997.

OTHER ADJUSTMENTS

The Committee continues to express its great concern that the ammunition industrial base is in desperate shape as a result of continued low funding levels put forth by this administration. The Committee, therefore, recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action to help sustain and stabilize a very critical industrial base to our national defense:

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Cartridge:			
5.56 mm, all types	29,752	30,752	+1,000
7.62 mm, all types	3,871	5,871	+2,000
20 mm, all types		300	+300
25 mm, all types	47,176	87,176	+40,000
30 mm, all types		15,000	+15,000
Mortar 60 mm HE M-720		10,000	+10,000
Mortar 60 mm illumination M-721/M-767	6,151	13,151	+7,000
120 mm APFSDS-T M-829A2	79,703	89,703	+10,000
120 mm HEAT-MP-T M-830A1		45,000	+45,000
Tank 120 mm TP-T M-831/M-831A1	52,228	54,628	+2,400
Artillery projectile:			
155 mm HE M-795		45,000	+45,000
155 mm SADARM M-898	60,259	93,759	+33,500
Selectable lightweight attack munition		3,000	+ 3,000
[ARMS]		58,000	+ 58,000

OTHER PROCUREMENT, ARMY

Appropriations, 1996	\$2,769,443,000
Budget estimate, 1997	2,627,440,000
Committee recommendation	3,295,486,000

The Committee recommends an appropriation of \$3,295,486,000 for the Army's fiscal year 1997 "Other procurement" account,

\$668,046,000 above the President's budget.

This appropriation finances the acquisition of: tactical and commercial vehicles including trucks, semitrailers, and trailers of all types to provide mobility to field forces and the Army logistical system; communications and electronics equipment of all types to provide fixed, semifixed, and mobile strategic and tactical communications equipment; and other support equipment such as chemical defensive equipment, tactical bridging equipment, maintenance shop sets, construction equipment, floating and rail equipment, generators and power units, material-handling equipment, medical support equipment, special equipment for user testing, and training devices that are not specific to a particular weapon system. In each of these activities, funds are also included for modification of inservice equipment, spares and repair parts, and production base support.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
OTHER PROCUREMENT, ARMY						
TACTICAL AND SUPPORT VEHICLES:						
TACTICAL VEHICLES:						
TACTICAL TRAILERS/DOLLY SETS		5,159		5,159		
SEMITRAILER FB BB/CONT TRANS 22 1/2 T	26	1,911	26	1,911		
SEMITRAILER VAN CGO SUPPLY 12T 4WHL		,		,		
M129A2C	51	4,471	51	4,471		
HI MOB MULTI-PURP WHLD VEH						
(HMMWV)(MYP)	1,126	96,785	1,126	162,785		+66,000
FAMILY OF MEDIUM TACTICAL VEH (MYP)	1,603	233,094	1,603	238,094		+5,000
FAMILY OF HEAVY TACTICAL VEHICLES						
(MYP)		163,343		286,343		+123,000
ARMORED SECURITY VEHICLES (COMBAT						
SPT) TACTIC	24	9,240	24	18,540		+9,300
MEDIUM TRUCK EXTENDED SVC PGM(ESP)				47.000		47.000
(PREV SLEP				47,000		+ 47,000
MODIFICATION OF IN SVC EQUIP		2,698		2,698		
ITEMS LESS THAN \$2.0M (TAC VEH)		193		193		
NON-TACTICAL VEHICLES:		000		000		
PASSENGER CARRYING VEHICLES	14	200	14	200		
GENERAL PURPOSE VEHICLES		200		200		
SPECIAL PURPOSE VEHICLES		200		200		
SUPPORT EQUIPMENT AND FACILITIES:		1 414		1 414		
SYSTEM FIELDING SUPPORT PEO		1,414		1,414		
PROJECT MANAGEMENT SUPPORT		622		622		
SYSTEM FIELDING SUPPORT (TACOM)		1,927		1,927		

58 [In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
TOTAL, TACTICAL AND SUPPORT VEHI- CLES		521,457		771,757		+ 250,30
COMMUNICATIONS AND ELECTRONICS EQUIPMENT:						
COMM—JOINT COMMUNICATIONS:						
JCSE EQUIPMENT (USREDCOM)		2,860		2,860		
COMM—SATELLITE COMMUNICATIONS:						
DEFENSE SATELLITE COMMUNICATIONS SYS- TEM		97,528		97,528		
SAT TERM, EMUT (SPACE)	620	18,632	620	18,632		
NAVSTAR GLOBAL POSITIONING SYSTEM	020	10,002	020	10,002		
(SPACE)	12,017	26,288	12,017	26,288		
GROUND COMMAND POST		711		711		
SMART-T (SPACE)		45,427		45,427		
SCAMP (SPACE)		23,555		23,555		
MOD OF IN-SVC EQUIP (TAC SAT)		5,444		5,444		
COMM—COMBAT SUPPORT COMM:		0.040		0.040		
MSE MOD IN SERVICE		9,848		9,848		
COMMAND CENTER IMPROVEMENT PROG						
(CCIP)		892		892		
SOUTHCOM HQ RELOCATION		26,984		26,984		
ARMY GLOBAL CMD & CONTROL SYS		20,001		20,00		
(AGCCS)		20,462		20,462		
COMM—COMBAT COMMUNICATIONS:						
ARMY DATA DISTRIBUTION SYSTEM (ADDS)		47,987		67,987		+20,0
MOBILE SUBSCRIBER EQUIP (MSE)		6,398		6,398		
SINCGARS FAMILY		297,496		340,796		+ 43,3
EAC COMMUNICATIONS		4,089		44,089		+ 40,0
MOD OF IN-SVC EQUIP (EAC COMM) TAC RADIO	1,000	10,041 35,743	1,000	10,041 35,743		
C-E CONTINGENCY/FIELDING EQUIP	1,000	577	1,000	577		
COMM—INTELLIGENCE COMM:		377		377		
JWICS CONNECTIVITY		666		666		
CI AUTOMATION ARCHITECTURE		2,452		2,452		
CI CONUS BASED LAN		725		725		
INFORMATION SECURITY:						
TSEC—INFORMATION SYSTEM SECURITY		10,678		10,678		
SECURE TERMINAL EQUIPMENT						
COMM—LONG HAUL COMMUNICATIONS:		C 700		C 700		
TERRESTRIAL TRANSMISSION BASE SUPPORT COMMUNICATIONS		6,732 1,070		6,732 1,070		
ARMY DISN ROUTER		2,077		2,077		
ELECTROMAG COMP PROG (EMCP)		473		473		
WW TECH CON IMP PROG (WWTCIP)		807		807		
COMM—BASE COMMUNICATIONS:						
INFORMATION SYSTEMS		24,668		53,668		+29,0
DEFENSE MESSAGE SYSTEM (DMS)		5,792		5,792		
LOCAL AREA NETWORK (LAN)		17,726		17,726		
PENTAGON INFORMATION MGT AND TELE-		F0 001		F0 001		
COM		59,901		59,901		
FT CARSON COMMUNICATIONSELECT EQUIP—NAT FOR INT PROG (NFIP):						
FOREIGN COUNTERINTELLIGENCE PROG						
(FCI)		536		536		
GENERAL DEFENSE INTELL PROG (GDIP)		12,649		26,349		+ 13,7
ITEMS LESS THAN \$2.0M (INTEL SPT)—		,		•		.,
TIARA		2,151		2,151		
ELECT EQUIP—TACT INT REL ACT (TIARA):		4				
ALL SOURCE ANALYSIS SYS (ASAS) (TIARA)		12,297		23,997		+11,7
JTT/CIBS-M (TIARA)	58	14,010	58	14,010		

 ${\bf 59} \\ \hbox{[In thousands of dollars]}$

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
IEW—GND BASE COMMON SENSORS						
(TIARA)		47,091		47,091		
JOINT STARS (ARMY) (TIARA)		85,428		85,428		
INTEGRATED BROADCAST TERMINAL MODS						
(TIARA)		3,365		3,365		
DIGITAL TOPOGRAPHIC SPT SYS (DTSS)						
(TIARA)	4	6,425	4	6,425		
TACTICAL EXPLOITATION OF NATIONAL						
CAPABILITIE		1,758		1,758		
JOINT TACTICAL GROUND STATION		,				
TROJAN (TIARA)		2,603		2,603		
MOD OF IN-SVC EQUIP (INTEL SPT)		_,		_,		
(TIARA)		14,452		14,452		
ITEMS LESS THAN \$2.0M (TIARA)		516		516		
ELECT EQUIP—ELECTRONIC WARFARE (EW):		310		310		
COUNTERINTELLIGENCE/SECURITY COUNTER-		1 (42		0 1 4 2		
MEASURES		1,642		8,142		+ 6,50
ELECT EQUIP—TACTICAL SURV. (TAC SURV):	1.0	F1 000	10	00.400		. 00 0
FAAD GBS	16	51,226	16	80,426		+ 29,20
NIGHT VISION DEVICES		111,872		200,000		+88,12
ARTILLERY ACCURACY EQUIP		4,655		4,655		
MOD OF IN-SVC EQUIP (TAC SURV)		15,114		15,114		
COMPUTER BALLISTICS: MORTAR XM-23	233	6,850	233	6,850		
INTEGRATED MET SYS SENSORS (IMETS)—						
TIARA	6	3,144	6	3,144		
SHF TERM		9,134		9,134		
ELECT EQUIP—TACTICAL C2 SYSTEMS:		,		*		
ADV FIELD ARTILLERY TACT DATA SYS						
(AFATDS)	187	31,569	187	31,569		
FIRE SUPPORT ADA CONVERSION		87		87		
CMBT SVC SUPT CONTROL SYS (CSSCS)	51	5,813	51	5,813		
FAAD C2	4	36,761	4	36,761		
FORWARD ENTRY DEVICE (FED)		2,134		2,134		
LIFE CYCLE SOFTWARE SUPPORT (LCSS)		2,030		2,134		
LOGTECH		4,395				+ 6,00
ISYSCON EQUIPMENT		,		10,395		
	155	9,833	155	9,833		
MANEUVER CONTROL SYSTEM (MCS)	155	19,126	155	19,126		
STAMIS TACTICAL COMPUTERS (STACOMP)		27,211		52,211		+25,0
STANDARD INTEGRATED CMD POST SYS-						
TEM		26,304		36,604		+10,3
ELECT EQUIP—AUTOMATION:						
AUTOMATED DATA PROCESSING EQUIP		136,386		136,386		
RESERVE COMPONENT AUTOMATION SYS						
(RCAS)		72,589		72,589		
ELECT EQUIP—AUDIO VISUAL SYS (A/V):						
AFRTS		359		359		
ITEMS LESS THAN \$2.0M (A/V)		2,115		2,115		
ELECT EQUIP—TEST MEAS&DIAG EQUIP (TMDE):		, .		,		
CALIBRATION SETS EQUIPMENT		11,104		11,104		
INTEGRATED FAMILY OF TEST EQUIP (IFTE)		1,506		1,506		
TMDE MODERNIZATION (TMOD)		8,239		8,239		
ELECT EQUIP—SUPPORT:		0,233		0,233		
INSTALLATION C4 UPGRADE (ICU)		1,111		1 111		
		,		1,111		
PRODUCTION BASE SUPPORT (C-E)		687		687		
TOTAL COMMUNICATIONS AND SUC						
TOTAL, COMMUNICATIONS AND ELEC-		1 001 000		1 040 00:		
TRONICS EQUIPMENT		1,621,006		1,943,834		
ED CHIDDODT ECHIDMENT						
ER SUPPORT EQUIPMENT:						
CHEMICAL DEFENSIVE EQUIPMENT:						
OFNI OMIC MEQUI MEDER DUM DURB VICE						
GEN SMK MECH:MTRZD DUAL PURP XM56 GENERATOR, SMOKE, MECH M58	66 40	12,515 11,587	66 40	12,515 11,587		

		Dudget		Consts		Senate
	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	compare to budge estimate
GEN SET, SMOKE, MECH: PUL JET,XM157 BRIDGING EQUIPMENT:	118	3,475	118	3,475		
RIBBON BRIDGEENGINEER (NON-CONSTRUCTION) EQUIPMENT:		4,300		4,300		
DISPENSER, MINE M139		962		962		
AIR CONDITIONERS VARIOUS SIZE/CAPAC- ITY		1,462		1,462		
SPACE HEATER	258	2,317	258	2,317		
FORCE PROVIDER	2	11,661	2	11,661		
REFRIGERATION EQUIPMENT		4,297		4,297		
ITEMS LESS THAN \$2.0M (CSS-EQ)		2,688		2,688		
PETROLEUM EQUIPMENT: LAB PETROLEUM MODULAR BASE						
INLAND PETROLEUM DISTRIBUTION SYSTEM		1,064		1,064		
HEMTT AVIATION REFUELING SYSTEM						
ITEMS LESS THAN \$2.0M (POL)		5,331		5,331		
WATER EQUIPMENT:						
FWD AREA WTR POINT SUP SYSTEM						
SMALL MOBILE WATER CHILLER (SMWC) ITEMS LESS THAN \$2.0M (WATER EQ)		2,970		2,970		
MEDICAL EQUIPMENT:		,		,		
COMBAT SUPPORT MEDICAL		15,851		15,851		
MAINTENANCE EQUIPMENT:						
SHOP EQ CONTACT MAINTENANCE TRK MTD (MYP)	31	1 607	31	1 607		
ITEMS LESS THAN \$2.0M (MAINT EQ)		1,687 1,339	31	1,687 1,339		
CONSTRUCTION EQUIPMENT: ROLLER, VIBRATORY, SELF-PROPELLED		1,000		1,555		
(CCE)						
HYDRAULIC EXCAVATOR	25	6,250	25	6,250		
DEPLOYABLE UNIVERSAL COMBAT EARTH						
MOVERS	20	7,707	20	7,707		
CRANE, WHEEL MTD, 25T, 3/4 CU YD, RT ITEMS LESS THAN \$2.0M (CONST EQUIP)	21	6,142 382	21	6,142 52,200		+ 51,
RAIL FLOAT CONTAINERIZATION EQUIPMENT:		302		32,200		+ 51,
PUSHER TUG, SMALL	2	6,877	2	6,877		
FLOATING CRANE, 100–250 TON	1	14,328	1	14,328		
RAILWAY CAR, FLAT, 100 TON	138	14,464	138	14,464		
ITEMS LESS THAN \$2.0M (FLOAT/RAIL)		5,728		5,728		
GENERATORS:						
GENERATORS AND ASSOCIATED EQUIP MATERIAL HANDLING EQUIPMENT:		13,187		38,187		+ 25,
TRUCK, FORK LIFT, DE, PT, RT, 50000 LB						
ALL TERRAIN LIFTING ARTICULATING SYS-						
TEM	151	15,953	151	15,953		
ITEMS LESS THAN \$2.0M (MHE)		2,666		2,666		
TRAINING EQUIPMENT:						
		4,714		4,714		
TRAINING DEVICES, NONSYSTEM		82,724		100,824		+18,1
SIMNET/CLOSE COMBAT TACTICAL TRAINER FIRE SUPPORT COMBINED ARMS TACTICAL		78,400		78,400		
TRAINER		17,390		17,390		
RECONFIGURABLE SIMULATORS		13,835		13,835		
PHYSICAL SECURITY SYSTEMS (OPA3		7,232		7,232		
SYSTEM FIELDING SUPPORT (OPA-3		9,555		9,555		
BASE LEVEL COM'L EQUIPMENT MODIFICATION OF IN-SVC EQUIPMENT (OPA-						
3		14,696		14,696		
PRODUCTION BASE SUPPORT (OTH)		1,915		1,915		
TRODUCTION DASE SULLON (OTIL)						
SPECIAL EQUIPMENT FOR USER TESTING		13,549		13,549		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
SOLDIER ENHANCEMENT PROGRAM						
TOTAL, OTHER SUPPORT EQUIPMENT		423,374		518,292		+ 94,918
SPARE AND REPAIR PARTS: INITIAL SPARES—TSV INITIAL SPARES—C&E INITIAL SPARES—OTHER SUPPORT EQUIP		94 60,503 1,006		94 60,503 1,006		
TOTAL, SPARE AND REPAIR PARTS		61,603		61,603		
TOTAL, OTHER PROCUREMENT, ARMY		2,627,440		3,295,486		+ 668,046

COMMITTEE RECOMMENDED ADJUSTMENTS

Armored security vehicles (combat support) TACTIC.—The Committee recommends providing \$18,540,000, an increase of \$9,300,000 above the budget request, for the accelerated procurement of 48 vehicles and support equipment in fiscal year 1997.

2½ ton Extended Service Program [ESP].—The ½½-ton ESP is currently in the fourth of its 5 year program years. Each program year specifies a base contract number of trucks that must be funded and options for additional trucks equal to 150 percent of the base contract quantity. Due to the extremely advantageous pricing on the option trucks, the Committee recommends providing \$47,000,000 in fiscal year 1997, allowing the Army sufficient funds to exercise all remaining unfunded options on this contract. The Army is directed to provide a plan, not later than April 2, 1997, to the defense committees for the distribution of these option trucks that includes at least a 50-percent deployment to the Army's Reserve component.

EAC communications.—The Army's budget request includes \$4,089,000 for the procurement of equipment for the echelons above corps [EAC] communication network. The Committee recommends providing \$44,089,000 for these activities in fiscal year 1997, an increase of \$40,000,000 above the budget request.

crease of \$40,000,000 above the budget request.

While the Committee is pleased that the Army has made progress in the deployment of the vital communications network, the fiscal year 1997 budget request is inadequate to make significant progress. The Committee directs that the additional funds provided shall be used for high multiplexer assemblages, AN/TSM-210 systems, downsizing CSCE, NMT, installation kits for the new quick erect mast, the warfare information network LAN and the single shelter switches/ATM for EAC, all of which forms the bridge to the WIN architecture.

Information systems.—The Committee recommends providing \$53,668,000, an increase of \$29,000,000 above the budget request. The additional \$29,000,000 provided shall be used only for the deployment of the distance learning initiative explained in the operation and maintenance section of this report.

Night vision devices.—The Army's budget request includes \$111,872,000 to procure various night vision devices in fiscal year 1997. The Committee recommends providing \$200,000,000 for these

procurement activities in fiscal year 1997, an increase of

\$88,128,000 above the budget request.

The additional funds provided by the Committee shall be used to procure thermal weapons sites (AN/PAS-13), aiming lights (AN/ PAQ-4B/4C), illumination/aiming lights (AN/PEQ-2), night vision goggles, and spares and repair parts for Army, Army National Guard, Army Reserve, and Army Special Operations Forces.

Items less than \$2,000,000 (constrution equipment).—The Committee recommends providing \$52,200,000, an increase of \$51,818,000 above the budget request, for the procurement of construction vehicles for Army combat support units. The Committee provides \$11,818,000 only for the procurement of 56 bituminous material distribution trucks and \$40,000,000 only for the procurement of approximately 250 20-ton dump trucks. The Army has identified the procurement of these vehicles as a high priority and has informed the Committee that it can achieve significant savings through an accelerated buyout of these programs.

Generators and associated equipment.—The budget request includes \$13,187,000 for the procurement of tactical generators. The Committee recommends providing \$38,187,000, an increase of \$25,000,000 for the procurement of as many tactical quiet genera-

tors as these funds will allow.

Training devices, nonsystem.—The Committee recommends providing \$100,824,000, an increase of \$18,100,000 above the budget request, only for the procurement of Joint Readiness Training Center [JRTC] military operations urban terrain [MOUT] training devices.

Shortstop electronic protection system [SEPS].—The Army is developing a system which causes proximity fused artillery rounds to explode outside of their effective range against personnel and soft targets. The development effort has proceeded extremely well and a prototype system is currently deployed in Bosnia. The Committee understands the Commanders of United States forces in Korea have asked if the deployment of this system to United States forces to that theater could be accelerated to protect against the considerable North Korean artillery threat. The Committee directs the Army to give every consideration to accelerating the deployment of this system to our forces in Korea and encourages the Army to make the necessary below threshold reprogramming adjustment to accelerate the fielding of the SEPS to Korea in fiscal year 1997.

Army Electro Optics Program.—The Committee is concerned over the Army's repeated failure to evaluate an enhanced electro optical augmentation [EOA] system to perform the off-vehicle E-O test requirements. The Committee, therefore, directs the Secretary of the Army to perform a study comparing an enhanced EOA to other offvehicle systems, in terms of price, capability, logistics support, and availability. The Committee further recommends that an independent group be tasked with performing the study. The Army is directed not to procure any sole source off-vehicle E-O test equipment until this study has been submitted to the defense commit-

tees of Congress.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
High mobility multipurpose wheeld vehicle [HMMWV]			
[MYP]	96,785	162,785	+66,000
Family of medium tactical vehicle [MYP]	233,094	238,094	+5,000
Family of heavy tactical vehicles [MYP]	163,343	286,343	+123,000
Army data distribution system [ADDS]	47,987	67,987	+20,000
SINCGARS family	297,496	340,796	+43,300
General defense intelligence program [GDIP]	12,649	26,349	+13,700
All source analysis system [ASAS] [TIARA]	12,297	23,997	+11,700
Counterintelligence/security countermeasures	1,642	8,142	+6,500
FAAD GBS	51,226	80,426	+29,200
LOGTECH	4,395	10,395	+6,000
Stamis tactical computers [STACOMP]	27,211	52,211	+25,000
Standard integrated command post system	26,304	36,604	+10,300

AIRCRAFT PROCUREMENT, NAVY

Appropriations, 1996	\$4,589,394,000
Budget estimate, 1997	5,881,952,000
Committee recommendation	7,239,704,000

The Committee recommends \$7,239,704,000 an increase of \$1,357,752,000 to the budget request. This appropriation account finances the construction, procurement, production, modification, and modernization of aircraft, including ordnance systems, ground support equipment, flight simulators, spare parts, accessories, and specialized equipment; and expansion of public and private plants.

COMMITTEE RECOMMENDED PROGRAM

The Committee recommendation increases funds to procure additional Navy fighter/attack aircraft, to remanufacture the Marine Corps' vertical/short takeoff and landing aircraft, and to expand the upgrade program for the Navy's primary electronic warfare aircraft. The Committee's adjustments are reflected in the following tables and discussed in the text which follows.

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AIRCRAFT PROCUREMENT, NAVY						
COMBAT AIRCRAFT:						
AV-8B (V/STOL)HARRIER	10	282,014	12	344,757	+2	+62,743
AV-8B (V/STOL)HARRIER (AP-CY)		22,897		22,897		
F/A-18C/D (FIGHTER) HORNET			12	489,000	+12	+489,000
F/A-18E/F (FIGHTER) HORNET	12	1,859,856	12	1,844,756		-15,100
F/A-18E/F (FIGHTER) HORNET (AP-CY)		294,867		294,867		
CH-53 FLIGHT SIMULATOR						
V-22 (MEDIUM LIFT)	4	500,904	6	730,904	+2	+230,000
V-22 (MEDIUM LIFT) (AP-CY)		57,753		127,753		+70,000

64
[In thousands of dollars]

[In thousands of dollars]							
	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate	
AH-1W (HELICOPTER) SEA COBRA							
SH-60B (ASW HELICOPTER) SEAHAWK		6,432		6,432			
E-2C (EARLY WARNING) HAWKEYE		127,502	4	282,502	+2	+155,000	
E-2C (EARLY WARNING) HAWKEYE (AP-CY)		20,973		20,973			
KC-130J							
TOTAL, COMBAT AIRCRAFT		3,173,198		4,164,841		+ 991,643	
TRAINER AIRCRAFT:							
T-45TS (TRAINER) GOSHAWK	12	272,752	12	272,752			
T-45TS (TRAINER) GOSHAWK (AP-CY)		26,353		26,353			
T-39N SABRELINER							
TOTAL, TRAINER AIRCRAFT		299,105		299,105			
OTHER AIRCRAFT: HH-60H (HELICOPTER) MODIFICATION OF AIRCRAFT:							
EA-6 SERIES		100,620		263,620		+163,000	
AV-8 SERIES		22,852		22,852			
F-14 SERIES		231,974		231,974			
ADVERSARY		117		117			
ES-3 SERIES		7,113		7,113		0.150	
F-18 SERIES		156,486		154,327		-2,159	
H-46 SERIESAH-1W SERIES		35,334		35,334			
H–53 SERIES		23,950 44,567		23,950 58,567		+ 14,000	
SH-60 SERIES		44,307		47,790		T 14,000	
H–1 SERIES		9,339		22,839		+ 13,500	
H–3 SERIES		4,860		4,860			
EP-3 SERIES		35,429		36,429		+ 1,000	
P-3 SERIES		128,560		200,760		+72,200	
LESPA							
S-3 SERIES		36,413		18,207		-18,206	
E-2 SERIES		23,143		23,143			
TRAINER A/C SERIES		3,652		3,652			
C-130 SERIES		2,967		2,967			
FEWSG		661		661			
CARGO/TRANSPORT A/C SERIES		24,884		24,884			
E-6 SERIES		100,045		100,045			
SPECIAL PROJECT AIRCRAFT		21,061 12,809		21,061 12,809			
T–45 SERIES		5,642		5,642			
POWER PLANT CHANGES		13,633		13,633			
MISC FLIGHT SAFETY CHANGES		199		199			
COMMON ECM EQUIPMENT		20,069		68,043		+47,974	
REEF POINT				55,000		+ 55,000	
COMMON AVIONICS CHANGES		87,841		87,841			
PASSENGER SAFETY MODIFICATIONS				14,800		+14,800	
TOTAL, MODIFICATION OF AIRCRAFT		1,202,010		1,563,119		+ 361,109	
AIDCDAFT CDADEC AND DEDAID DADEC							
AIRCRAFT SPARES AND REPAIR PARTS: SPARES AND REPAIR PARTS		839,987		844,987		+ 5,000	
AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES:		000,007		044,307		+ 3,000	
COMMON GROUND EQUIPMENT		313,070		313,070			
AIRCRAFT INDUSTRIAL FACILITIES		14,814		14,814			
WAR CONSUMABLES		16,941		16,941			
OTHER PRODUCTION CHARGES		11,940		11,940			
SPECIAL SUPPORT EQUIPMENT		8,922		8,922			
FIRST DESTINATION TRANSPORTATION		1,965		1,965			
		•		•			

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FA-						
CILITIES		367,652		367,652		
TOTAL, AIRCRAFT PROCUREMENT, NAVY		5,881,952		7,239,704		+ 1,357,752

Program and project funding adjustments.—The Committee recommends the addition and subtraction of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/or requested by the Navy to address budget shortfalls; to effect funding transfers recommended by the Committee or the Navy; and to delete excess funds.

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
F/A-18C (fighter) Hornet		234,000	+ 234,000
F/A—18D (fighter) Hornet		255,000	+255,000
F/A-18E/F (fighter) Hornet/ALR-67(V)3	1,859,856	1,844,756	-15,100
EA-6 series modifications	100,620	263,620	+ 163,000
USQ-113 communications jammer		11,000	+11,000
Band 9/10 transmitter		40,000	+40,000
J-52 engine containment		40,000	+40,000
Center wing sections		50,000	+50,000
Connectivity		22,000	+22,000
F-18 series modifications/ALR-67(V)3S-3 series modifications/6-month contract award de-	156,486	154,327	−2,159
laysEP-3 series modifications/lightweight environmentally	36,413	18,207	— 18,206
sealed parachute assembly	35,429	36,429	+1,000
P-3 series modifications	128,560	200,760	+ 72,200
gramSIGINT capabilities package/transfer to elsewhere			+ 87,000
in budget Lightweight environmentally sealed parachute as-			- 17,600
sembly			+2,800
H-1 series modifications/thermal imaging systems Common electronic countermeasures [ECM] equip-	9,339	22,839	+13,500
ment	20,069	68,043	+47,974
Airborne self protection jammer			+50,000
ALR-67(V)3			-12,026
APR-39A(V)2 radar warning receiver Passenger safety modifications (common avionics,			+ 10,000
spares)		14,800	+14,800
Aircraft spares and repair parts/Magic Lantern	839,987	844,987	+5,000

Authorization adjustments.—The Committee recommends the following adjustments based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1997:

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
V-22 (medium lift)/aircraft acquisition and contract savings in fiscal year 1996	500,904	730,904	+ 230,000
V-22 (medium lift) advance procurement	57,753	127,753	+ 70,000
E-2C (early warning) Hawkeye	127,502	282,502	+ 155,000
H-53 series modifications/crash attenuating seats	44,567	58,567	+14,000

AV-8B [V/STOL] Harrier remanufacturing.—The Committee recommends \$344,756,394, an increase of \$62,742,394 to the budget request for remanufacturing this Marine Corps vertical/short take-off and landing aircraft. The recommendation consists of an increase of \$68,000,000 to remanufacture a total of 12 Harriers in fiscal year 1997, compared to the 10 aircraft in the budget request, and to acquire logistics support equipment. Also included in the recommendation is a decrease of \$5,257,606 to restrain cost growth for the AV-8B engine. The Committee observes that, as the rate of remanufacturing has increased since fiscal year 1995, the unit cost of the Harrier airframe decreased by about 20 percent, but the engine unit cost actually increased by 3.3 percent. By the recommended reduction, the Committee wishes to encourage a decrease in engine unit cost.

 $V\!-\!22$ (medium lift).—The Committee recommends additional funds to increase procurement of the MV-22 tilt rotor aircraft from four aircraft in the budget request to six in fiscal year 1997. Additional advance procurement funds are recommended to support an increase from 5 aircraft to 12 aircraft in fiscal year 1998. The Committee also recommends the addition of \$20,000,000 in the "Navy RDT&E" appropriations account for V-22 risk mitigation. $P\!-\!3/EP\!-\!3$ series modifications/parachutes.—The Committee is

P-3/EP-3 series modifications/parachutes.—The Committee is aware that the Navy is in the process of qualifying a new light-weight environmentally sealed parachute assembly [LESPA] to replace existing systems in Navy aircraft. In order to begin integration of the LESPA into Navy aircraft, the Committee recommends an addition of \$2,800,000 to the budget request for P-3 series modifications, and an addition of \$1,000,000 to the budget request for EP-3 series modifications, to outfit completely at least 16 aircraft during fiscal year 1997.

Integrated Defensive Electronic Countermeasures Program.—The Committee understands that the Navy is evaluating the possibility of adapting for the F/A–18C/D fighter components of the integrated defensive electronic countermeasures [IDECM] electronic warfare [EW] suite under development for the F/A–18E/F fighter. The Navy is directed to provide a report which delineates the costs (including operations and support costs), systems availability, and operational advantages and disadvantages of adapting IDECM components for the F/A–18C/D fighter compared to alternative EW systems. The Committee directs the Navy to submit this report to the congressional defense committees not later than February 15, 1997.

WEAPONS PROCUREMENT, NAVY

Appropriations, 1996	\$1,669,827,000
Budget estimate, 1997	1,400,363,000
Committee recommendation	1,500,154,000

The Committee recommends an appropriation of \$1,500,154,000 for the Navy's fiscal year 1997 "Weapons procurement" account, an increase of \$99,791,000 from the President's request.

This appropriation finances the construction, procurement, production, modification, and modernization of strategic and tactical missiles, termedage other recorded appropriation (in

This appropriation finances the construction, procurement, production, modification, and modernization of strategic and tactical missiles, torpedoes, other weapons, related support equipment (including spare parts and accessories), and the expansion of public and private plants.

COMMITTEE RECOMMENDED PROGRAM

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
WEAPONS PROCUREMENT, NAVY						
BALLISTIC MISSILES:						
TRIDENT II	7	267,492	7	267,492		
TRIDENT II (AP-CY)		53,533		53,533		
SUPPORT EQUIPMENT AND FACILITIES:		33,333		33,333		
MISSILE INDUSTRIAL FACILITIES		2,124		2,124		
MISSILL INDUSTRIAL PAOILITIES		2,124		2,124		
TOTAL, BALLISTIC MISSILES		323,149		323,149		
OTHER MISSILES:						
STRATEGIC MISSILES:						
TOMAHAWK	120	88,513	120	88,513		
TACTICAL MISSILES:	120	00,313	120	00,515		
AMRAAM	37	36,091	37	36.091		
HARPOON		,		40,000		+ 40,000
JSOW	100	64,426	100	64,426		,
STANDARD MISSILE	127	,	127	237,463		+ 40.000
RAM	140	197,463 48,663	140	48,663		.,
AERIAL TARGETS		73,147		73,147		
DRONES AND DECOYS		10.044		20,000		+20,000
OTHER MISSILE SUPPORT		18,044		18,044		
PENGUIN						
MODIFICATION OF MISSILES:						
TOMAHAWK MODS				14,400		+14,400
SPARROW MODS		2,530		2,530		
SIDEWINDER MODS		1,301		1,301		
HARPOON MODS		22,893		22,893		
STANDARD MISSILES MODS		18,540		18,540		
SUPPORT EQUIPMENT AND FACILITIES:						
WEAPONS INDUSTRIAL FACILITIES		34,260		34,260		
FLEET SATELLITE COMM (MYP) (SPACE)		113,242		113,242		
ORDNANCE SUPPORT EQUIPMENT		19,126		4,517		-14,609
TOTAL, OTHER MISSILES		738,239		838,030		+ 99,791
TORPEDOES AND RELATED EQUIPMENT:						
ASW TARGETS		5,052		5,052		
VERTICAL LAUNCHED ASROC (VLA)						
MK-46 TORPEDO MODS		1,761		1,761		
MK-48 TORPEDO ADCAP MODS		63,892		63,892		
TORPEDO SUPPORT EQUIPMENT		22,537		22,537		

68

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
ASW RANGE SUPPORT		14,820		14,820		
FIRST DESTINATION TRANSPORTATION		2,620		2,620		
TOTAL, TORPEDOES AND RELATED EQUIPMENT		110,682		110,682		
OTHER WEAPONS:						
GUNS AND GUN MOUNTS:						
SMALL ARMS AND WEAPONS		870		870		
MODIFICATION OF GUNS AND GUN MOUNTS:						
CIWS MODS		25,430		25,430		
5/54 GUN MOUNT MODS		2,875		2,875		
MK-75 76MM GUN MOUNT MODS		685		685		
MODS UNDER \$2 MILLION		1,607		1,607		
TOTAL, OTHER WEAPONS		31,467		31,467		
OTHER ORDNANCE:						
AIR LAUNCHED ORDNANCE:						
GENERAL PURPOSE BOMBS		27,150		27,150		
2.75 INCH ROCKETS		9,433		9,433		
		,				
MACHINE GUN AMMUNITION		5,341		5,341		
PRACTICE BOMBS		11,131		11,131		
CARTRIDGES & CART ACTUATED DEVICES		21,939		21,939		
AIRCRAFT ESCAPE ROCKETS		8,172		8,172		
AIR EXPENDABLE COUNTERMEASURES		21,980		21,980		
MARINE LOCATION MARKERS		580		580		
JATOSSHIP ORDNANCE:		4,166		4,166		
5 INCH/54 GUN AMMUNITION		13,495		13,495		
CIWS AMMUNITION		13,433		13,433		
76MM GUN AMMUNITION		2,738		2,738		
OTHER SHIP GUN AMMUNITION		,		,		
		4,133		4,133		
OTHER ORDNANCE:		2 100		2 100		
SMALL ARMS & LANDING PARTY AMMO		3,126		3,126		
PYROTECHNIC AND DEMOLITION		10,131		10,131		
MINE NEUTRALIZATION DEVICESSHIP EXPENDABLE COUNTERMEASURES		5,840		5,840		
		140 255				
TOTAL, OTHER ORDNANCE		149,355		149,355		
SPARES AND REPAIR PARTS		47,471		47,471		
TOTAL, WEAPONS PROCUREMENT, NAVY		1,400,363		1,500,154		+ 99,791

COMMITTEE RECOMMENDED ADJUSTMENTS

Harpoon.—The Navy's budget request included no funds for the production of Harpoon missiles in fiscal year 1997. The Committee recommends providing \$40,000,000 only for the procurement of as many of the SLAM–ER variant of the Harpoon missile in fiscal year 1997 as these funds allow.

Drones and decoys.—The Committee recommends providing \$20,000,000 only for the procurement of the improved tactical air launched decoy.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
Standard missile	197,463	237,463 14,000	+ 40,000 + 14,400

Classified adjustments.—The following table identifies weapons procurement, Navy budget line adjustments that are explained in the classified annex to this report:

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate	
Ordnance support equipment	19,126	4,517	- 14,609	

SHIPBUILDING AND CONVERSION, NAVY

Appropriations, 1996	\$6,643,958,000
Budget estimate, 1997	4,911,930,000
Committee recommendation	6,193,330,000

The Committee recommends \$6,193,330,000, an increase of \$1,281,400,000 over the budget. This appropriation finances the construction; acquisition; and conversion of vessels, including armor and armament; plant equipment, appliances, and machine tools for production plants and facilities; procurement of long lead-time items; and detail design of vessels.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
SHIPBUILDING & CONVERSION, NAVY						
OTHER WARSHIPS:						
SSN-21		699,071		699,071		
NEW SSN						
NEW SSN (AP-CY)		296,186		997,186		+701,00
CVN REFUELING OVERHAULS		237,029		237,029		
CGN REFUELING OVERHAULS						
DDG-51		3,374,693		3,374,693		
DDG-51 (AP-CY)		9,379		534,379		+525,00
SHIP SELF DEFENSE						
TOTAL, OTHER WARSHIPS		4,616,358		5,842,358		+1,226,00
MPHIBIOUS SHIPS:						
COMPLETION OF LSD-52						
LHD-1 AMPHIBIOUS ASSAULT SHIP (MYP)						
FAST PATROL CRAFT						
LPD-17						
TOTAL, AMPHIBIOUS SHIPS						
UXILIARIES, CRAFT AND PRIOR YEAR PROGRAM COS:	2	59,665	2	59,665		

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
OCEANOGRAPHIC SHIPS			1	54,400	+1	+ 54,400
OCEANOGRAPHIC SHIPS-SWATH			1	45,000	+1	+45,000
LCAC SLEP (AP-CY)				3,000		+3,000
SERVICE CRAFT						
FAST PATROL CRAFT						
OUTFITTING		91,990		44,990		-47,000
POST DELIVERY		141,855		141,855		
AFS (C)						
FIRST DESTINATION TRANSPORTATION		2,062		2,062		
TOTAL, AUXILIARIES, CRAFT, AND PRIOR-YEAR PROGR		295,572		350,972		+ 55,400
TOTAL, SHIPBUILDING & CONVERSION, NAVY		4,911,930		6,193,330		+ 1,281,400

NSSN.—The Committee recommends \$296,186,000 for advance procurement of the first new attack submarine. This is the same as the budget request. The Committee also provides an additional \$701,000,000 for advance procurement of the second new attack submarine.

DDG's.—The Committee recommends \$3,374,693,000 for funding of four DDG's. This is the same as the budget request. The Committee recommends the initiation of a multiyear procurement contract for the DDG-51 program. The Committee recommends \$534,379,000 for the initial multiyear procurement, long lead advance procurement, and termination liability associated with the initiation of the multiyear procurement program. The Committee has been informed by the Navy that the multiyear acquisition of DDG-51's will save approximately \$1,000,000,000 over the life of the acquisition program. The Committee has included the multiyear procurement based on this savings as well as the stability and maturation of the DDG-51 program. The multiyear procurement program will be provided versus the annual authorization and appropriation of the DDG-51 program. The Committee expects the Department to negotiate additional fixed price, fixed quantity options for each year of procurement.

Outfitting.—The Committee recommends \$47,990,000 for outfitting. This is \$44,000,000 below the budget request. The Committee finds that the Navy Comptroller withheld \$44,000,000 of funding within the "Outfitting" account. The funding was excess to the fiscal year 1996 program requirements. There is no data to support the requirement for this funding.

Oceanographic ship.—The Committee strongly agrees with the Senate Armed Services statements regarding the inability of the current Navy fleet to meet oceanographic survey requirements. Furthermore, the Committee understands that there are many research efforts which could benefit from the availability of a small water plane area twin hull [SWATH] oceanographic research vessel. Therefore, the Committee has provided an increase of \$45,000,000 to construct a small water plane, twin hull [SWATH] oceanographic research vessel.

This will be one of the first SWATH vessels available to the research community. The Committee has endorsed this initiative to

address the need to replace the retiring Moana Wave oceano-

graphic research vessel.

The Committee understands that a new SWATH concept developed by the Office of Naval Research may be tested in the near future. This design may produce a SWATH hull which is much faster than the TAGOS class. The Committee urges the Navy to fully evaluate this concept in defining the new SWATH oceanographic ship design.

ship design.

LCAC SLEP.—The Committee recommends \$3,000,000 for a new service life extension program of the LCAC. This funding will be

used for advance procurement of long-lead material.

OTHER PROCUREMENT, NAVY

Appropriations, 1996	\$2,483,581,000
Budget estimate, 1997	2,714,195,000
Committee recommendation	2,944,519,000

The Committee recommends an appropriation of \$2,944,519,000 for the Navy's fiscal year 1997 "Other procurement" account, an increase of \$220,224,000 above the President's budget

crease of \$230,324,000 above the President's budget.

This appropriation finances the procurement of major equipment and weapons other than ships, aircraft, missiles, torpedoes, and guns. Equipment ranges from the latest electronic sensors for updating of naval forces to trucks, training equipment, and spare parts.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[ווו נווטטמווטס טו עטוומוס]							
	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate	
OTHER PROCUREMENT, NAVY							
SHIPS SUPPORT EQUIPMENT:							
SHIP PROPULSION EQUIPMENT:							
LM-2500 GAS TURBINE		7.898		7.898			
ALLISON 501K GAS TURBINE		3,445		3,445			
STEAM PROPULSION IMPROVEMENT		248		248			
OTHER PROPULSION EQUIPMENT		7,922		7,922			
GENERATORS:							
OTHER GENERATORS		588		588			
PUMPS:							
OTHER PUMPS		78		78			
PROPELLERS:							
SUBMARINE PROPELLERS		39,182		39,182			
OTHER PROPELLERS AND SHAFTS		2,897		2,897			
ELEC SUSPENDED GYRO NAVIGATOR							
NAVIGATION EQUIPMENT:							
OTHER NAVIGATION EQUIPMENT		17,200		27,200		+10,000	
UNDERWAY REPLENISHMENT EQUIPMENT:							
UNDERWAY REPLENISHMENT EQUIPMENT		11,858		11,858			
PERISCOPES:		00.005		00.005			
SUB PERISCOPES & IMAGING EQUIP		32,625		32,625			
OTHER SHIPBOARD EQUIPMENT:		0.175		0.175			
FIREFIGHTING EQUIPMENT		9,175		9,175			
COMMAND AND CONTROL SWITCHBOARD		6,924		6,924			
POLLUTION CONTROL EQUIPMENT		135,216		135,216			
SUBMARINE SILENCING EQUIPMENT		3,365		3,365			

72 [In thousands of dollars]

[iii tilousanus oi uonais]								
	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate		
SUBMARINE BATTERIES		9,513		9,513				
SSN21 CLASS SUPPORT EQUIPMENT		21,217		21,217				
STRATEGIC PLATFORM SUPPORT EQUIP		9,229		9,229				
DSSP EQUIPMENT		5,217		5,217				
MINESWEEPING EQUIPMENT		4,089		4,089				
HM&E ITEMS UNDER \$2 MILLION		35,545		35,545				
SURFACE IMA		2,437		2,437				
RADIOLOGICAL CONTROLS		192		192				
MINI/MICROMINI ELECTRONIC REPAIR		963		963				
REACTOR PLANT EQUIPMENT: REACTOR POWER UNITS		223,392		193,392		30 000		
REACTOR COMPONENTS		185,551		185,551		- 30,000		
OCEAN ENGINEERING:		105,551		105,551				
DIVING AND SALVAGE EQUIPMENT		8,662		8,662				
EOD UNDERWATER EQUIPMENT		5,181		5,181				
SMALL BOATS:		0,101		0,101				
STANDARD BOATS		4,576		4,576				
TRAINING EQUIPMENT:		,,		.,				
OTHER SHIPS TRAINING EQUIPMENT		1,464		1,464				
PRODUCTION FACILITIES EQUIPMENT:		,		,				
PRODUCTION SUPPORT FACILITIES		2,930		2,930				
OPERATING FORCES IPE		911		911				
OTHER SHIP SUPPORT:								
NUCLEAR ALTERATIONS		68,485		68,485				
FLEET MODERNIZATION PROGRAM								
TOTAL, SHIPS SUPPORT EQUIPMENT		868,175		848,175		- 20,000		
COMMUNICATIONS AND ELECTRONICS EQUIPMENT: SHIP RADARS:								
AN/SPS-40		7,663		7,663				
AN/SPS-48		12,847		12,847				
AN/SPS-49		12,136		12,136				
AN/SYS-()		861		861				
MK-23 TARGET ACQUISITION SYSTEM		1,347		1,347				
RADAR SUPPORT				16,900		+16,900		
SURFACE ELECTRO-OPTICAL SYSTEM								
SHIP SONARS:		C 000		000				
SURFACE SONAR SUPPORT EQUIPMENT		6,888		6,888				
DOPPER SONAR VELOCITY LOG AN/SQQ-89 SURF ASW COMBAT SYSTEM		24,674		24,674				
SSN ACOUSTICS		44,134		44,134				
SURFACE SONAR WINDOWS AND DOME		44,104		44,134				
SONAR SUPPORT EQUIPMENT		17,302		17,302				
SONAR SWITCHES AND TRANSDUCERS		10,669		10,669				
ASW ELECTRONIC EQUIPMENT:		10,000		10,000				
SUBMARINE ACOUSTIC WARFARE SYSTEM		7,840		15,840		+8,000		
SSTD		5,701		18,201		+ 12,500		
ACOUSTIC COMMUNICATIONS		228		228		,		
FIXED SURVEILLANCE SYSTEM		34,635		34,635				
SURTASS		10,590		10,590				
ASW OPERATIONS CENTER		10,126		10,126				
CARRIER ASW MODULE		144		9,144		+ 9,000		
ELECTRONIC WARFARE EQUIPMENT:						•		
AN/SLQ-32		6,358		6,358				
AN/WLR-1		173		173				
INFORMATION WARFARE SYSTEMS		4,671		4,671				
EW SUPPORT EQUIPMENT		7,949		7,949				
C-3 COUNTERMEASURES		556		556				
RECONNAISSANCE EQUIPMENT:								
COMBAT DF		10,547		10,547				
OUTBOARD		295		295				

73 [In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
BATTLE GROUP PASSIVE HORIZON EXTENSUBMARINE SURVEILLANCE EQUIPMENT:		38,957		38,957		
AN/WLQ-4		4,208		4,208		
SUBMARINE SUPPORT EQUIPMENT PROG		5,418		5,418		
OTHER SHIP ELECTRONIC EQUIPMENT:						
NAVY TACTICAL DATA SYSTEM		18,220		28,220		+10,00
TACTICAL FLAG COMMAND CENTER		23,941		27,441		+3,50
NAVAL TACTICAL COMMAND SUPPORT SYSTEM		,		*		,
(NTCSS)		32,555		32,555		
LINK 16 HARDWARE		17,808		17,808		
MINESWEEPING SYSTEM REPLACEMENT		22,853		48,698		+25.84
SHALLOW WATER MCM		961		961		
EMSP (MYP)		001		001		
NAVSTAR GPS RECEIVERS (SPACE)		4,943		4,943		
HF LINK—11 DATA TERMINALS		3,239		3,239		
ARMED FORCES RADIO AND TV		3,363		3,363		
STRATEGIC PLATFORM SUPPORT EQUIP		4,054		4,054		
TRAINING EQUIPMENT:		4,034		4,034		
		1 502		1 502		
OTHER SPAWAR TRAINING EQUIPMENT		1,592		1,592		
OTHER TRAINING EQUIPMENT		28,343		28,343		
AVIATION ELECTRONIC EQUIPMENT:		4 151		4 151		
MATCALS		4,151		4,151		
SHIPBOARD AIR TRAFFIC CONTROL		13,434		13,434		
AUTOMATIC CARRIER LANDING SYSTEM		15,990		15,990		
NATIONAL AIR SPACE SYSTEM						
TACAN		2,266		2,266		
AIR STATION SUPPORT EQUIPMENT		9,722		9,722		
MICROWAVE LANDING SYSTEM		7,217		7,217		
FACSFAC		3,910		3,910		
ID SYSTEMS		4,702		4,702		
SURFACE IDENTIFICATION SYSTEMS						
TAC A/C MISSION PLANNING SYS(TAMPS)		7,131		7,131		
OTHER SHORE ELECTRONIC EQUIPMENT:		,		,		
TADIX-B		4,243		4,243		
NATIONAL IMAGERY SUPPORT		-,		.,		
NCCS ASHORE		6,264		6,264		
RADIAC		3,491		3,491		
GPETE		9,354		9,354		
INTEG COMBAT SYSTEM TEST FACILITY						
		4,951		4,951		
CALIBRATION STANDARDS		2,183		2,183		
EMI CONTROL INSTRUMENTATION		5,423		5,423		
SHORE ELEC ITEMS UNDER \$2 MILLION		4,070		4,070		
SHIPBOARD COMMUNICATIONS:						
SHIPBOARD TACTICAL COMMUNICATIONS		8,779		8,779		
PORTABLE RADIOS		1,433		1,433		
SINCGARS		4,699		4,699		
SHIP COMMUNICATIONS AUTOMATION		15,006		15,006		
SHIP COMM ITEMS UNDER \$2 MILLION		9,560		9,560		
SUBMARINE COMMUNICATIONS:						
SHORE LF/VLF COMMUNICATIONS		4,140		4,140		
SUBMARINE COMMUNICATION EQUIPMENT		29,430		29,430		
SATELLITE COMMUNICATIONS:		.,		.,		
SATCOM SHIP TERMINALS (SPACE)		115,837		145,837		+30,00
SATCOM SHORE TERMINALS (SPACE)		24,653		29,653		+ 5,00
SHORE COMMUNICATIONS:		۷4,000		در,000		1 3,00
JCS COMMUNICATIONS EQUIPMENT		1 000		1 000		
SHORE HF COMMUNICATIONS		1,989		1,989		
NSIPS		4.010		4.010		
JEDMICS		4,216		4,216		
WWMCCS COMMUNICATIONS EQUIPMENT		1,712		1,712		
NAVAL SHORE COMMUNICATIONS		43,315		43,315		
CRYPTOGRAPHIC EQUIPMENT:						
SECURE VOICE SYSTEM		15,494		15,494		

 $74 \\ \hbox{[In thousands of dollars]}$

Lin thousan	as ot ac	illarsj				
	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
SECURE DATA SYSTEM		14,532		14,532		
KEY MANAGEMENT SYSTEMS		12,580		12,580		
CRYPTOLOGIC EQUIPMENT:		,		,		
CRYPTOLOGIC COMMUNICATIONS EQUIP		1,308		1,308		
OTHER ELECTRONIC SUPPORT:						
ELECT ENGINEERED MAINTENANCE						
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		865,974		986,719		+ 120,745
AVIATION SUPPORT EQUIPMENT:						
SONOBUOYS:						
AN/SSQ-36 (BT)		923		923		
AN/SSQ-53 (DIFAR)		323		323		
AN/SSQ-62 (DICASS)		22,704		29,704		+7,000
SSQ-53E		22,704		18,000		+ 18,000
AN/SSQ-110		35,961		35,961		1 10,000
SIGNAL, UNDERWATER SOUND (SUS)		1,118		1,118		
AIRCRAFT SUPPORT EQUIPMENT:		1,110		1,110		
WEAPONS RANGE SUPPORT EQUIPMENT		27,793		27,793		
EXPEDITIONARY AIRFIELDS		1,560		1,560		
AIRCRAFT REARMING EQUIPMENT		9,321		9,321		
AIRCRAFT LAUNCH & RECOVERY EQUIPMENT		28,975		28,975		
METEOROLOGICAL EQUIPMENT		17.048		17,048		
OTHER PHOTOGRAPHIC EQUIPMENT		737		737		
AVIATION LIFE SUPPORT		13,811		13,811		
AIRBORNE MINE COUNTERMEASURES		13,465		13,465		
LAMPS MK III SHIPBOARD EQUIPMENT		15,282		15,282		
REWSON PHOTOGRAPHIC EQUIPMENT		933		933		
STOCK SURVEILLANCE EQUIPMENT		1,590		1,590		
OTHER AVIATION SUPPORT EQUIPMENT		7,884		7,884		
SAFETY & SURVIVABILITY ITEMS						
TOTAL, AVIATION SUPPORT EQUIPMENT		199,105		224,105		+ 25,000
ORDNANCE SUPPORT EQUIPMENT:						
SHIP GUN SYSTEM EQUIPMENT:						
GUN FIRE CONTROL EQUIPMENT		10,475		10,475		
SHIP MISSILE SYSTEMS EQUIPMENT:		20,		20,		
MK-92 FIRE CONTROL SYSTEM		1,879		1,879		
HARPOON SUPPORT EQUIPMENT		97		97		
AIRBORNE ECM/ECCM		341		341		
ENGAGEMENT SYSTEMS SUPPORT		15,054		15,054		
NATO SEASPARROW		4,710		4,710		
RAM GMLS		50,765		50,765		
SHIP SELF DEFENSE SYSTEM		21,049		21,049		
AEGIS SUPPORT EQUIPMENT		30,398		30,398		
SURFACE TOMAHAWK SUPPORT EQUIPMENT		75,574		85,574		+10,000
SUBMARINE TOMAHAWK SUPPORT EQUIP						
VERTICAL LAUNCH SYSTEMSFBM SUPPORT EQUIPMENT:		12,956		12,956		
STRATEGIC PLATFORM SUPPORT EQUIP		2,104		2,104		
STRATEGIC MISSILE SYSTEMS EQUIP		130,151		130,151		
SSN COMBAT CONTROL SYSTEMS		16,287		16,287		
SUBMARINE ASW SUPPORT EQUIPMENT		10,004		10,004		
SURFACE ASW SUPPORT EQUIPMENT		5,483		5,483		
ASW RANGE SUPPORT EQUIPMENT		2,422		2,422		
OTHER ORDNANCE SUPPORT EQUIPMENT: EXPLOSIVE ORDNANCE DISPOSAL EQUIP		6,253		6,253		
UNMANNED SEABORNE TARGET		15 100		04.100		
ANTI-SHIP MISSILE DECOY SYSTEM		15,109		24,109		+9,000

75

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
INDUSTRIAL FACILITIES (CALIBRATION EQUIP-						
MENT)		4,132		4,132		
STOCK SURVEILLANCE EQUIPMENT		1,437		1,437		
PREDATOR UAV				65,791		+65,79
TACTICAL UAV				12,588		+12,588
OTHER EXPENDABLE ORDNANCE:						
FLEET MINE SUPPORT EQUIPMENT		5,430		7,630		+2,200
SURFACE TRAINING DEVICE MODS		2,499		2,499		
SUBMARINE TRAINING DEVICE MODS		19,668		19,668		
INDUSTRIAL DEPOT MAINTENANCE		20,626		20,626		
TOTAL, ORDNANCE SUPPORT EQUIPMENT		464,903		564,482		+ 99,57
CIVIL ENGINEERING SUPPORT EQUIPMENT:						
PASSENGER CARRYING VEHICLES						
SPECIAL PURPOSE VEHICLES		47		47		
GENERAL PURPOSE TRUCKS		228		228		
TRAILERS/TRUCK TRACTORS		76		76		
EARTH MOVING EQUIPMENT						
CONSTRUCTION & MAINTENANCE EQUIP		62		62		
FIRE FIGHTING EQUIPMENT						
WEIGHT HANDLING EQUIPMENT						
AMPHIBIOUS EQUIPMENT		3,183		8,183		+5,00
COMBAT CONSTRUCTION SUPPORT EQUIP		878		878		
MOBILE UTILITIES SUPPORT EQUIPMENT		830		830		
COLLATERAL EQUIPMENT		338		338		
OCEAN CONSTRUCTION EQUIPMENT		134		134		
POLLUTION CONTROL EQUIPMENT		32,281		32,281		
OTHER CIVIL ENG SUPPORT EQUIPMENT		,		,		
TOTAL, CIVIL ENGINEERING SUPPORT EQUIPMENT		38,057		43,057		+ 5,00
SUPPLY SUPPORT EQUIPMENT:						
FORKLIFT TRUCKS		3,322		3,322		
OTHER MATERIALS HANDLING EQUIPMENT		2,070		2,070		
OTHER SUPPLY SUPPORT EQUIPMENT		2,070		2,070		
FIRST DESTINATION TRANSPORTATION		7,488		7,488		
SPECIAL PURPOSE SUPPLY SYSTEMS		56,273		56,273		
SURFACE COMBAT SYSTEM TRAINERS						
TOTAL, SUPPLY SUPPORT EQUIPMENT		69,153		69,153		
PERSONNEL AND COMMAND SUPPORT EQUIPMENT:						
TRAINING DEVICES:						
TRAINING SUPPORT EQUIPMENT						
TRAINING DEVICE MODIFICATIONS						
TRAINING DEVICE MODIFICATIONSCOMMAND SUPPORT EQUIPMENT						
TRAINING DEVICE MODIFICATIONS						
TRAINING DEVICE MODIFICATIONS						
TRAINING DEVICE MODIFICATIONS COMMAND SUPPORT EQUIPMENT COMMAND SUPPORT EQUIPMENT EDUCATION SUPPORT EQUIPMENT MEDICAL SUPPORT EQUIPMENT						
TRAINING DEVICE MODIFICATIONS COMMAND SUPPORT EQUIPMENT COMMAND SUPPORT EQUIPMENT EDUCATION SUPPORT EQUIPMENT MEDICAL SUPPORT EQUIPMENT INTELLIGENCE SUPPORT EQUIPMENT						
TRAINING DEVICE MODIFICATIONS COMMAND SUPPORT EQUIPMENT COMMAND SUPPORT EQUIPMENT EDUCATION SUPPORT EQUIPMENT MEDICAL SUPPORT EQUIPMENT INTELLIGENCE SUPPORT EQUIPMENT OCEANOGRAPHIC SUPPORT EQUIPMENT						
TRAINING DEVICE MODIFICATIONS COMMAND SUPPORT EQUIPMENT COMMAND SUPPORT EQUIPMENT EDUCATION SUPPORT EQUIPMENT MEDICAL SUPPORT EQUIPMENT INTELLIGENCE SUPPORT EQUIPMENT OCEANOGRAPHIC SUPPORT EQUIPMENT NAVAL RESERVE SUPPORT EQUIPMENT						
TRAINING DEVICE MODIFICATIONS COMMAND SUPPORT EQUIPMENT COMMAND SUPPORT EQUIPMENT EDUCATION SUPPORT EQUIPMENT MEDICAL SUPPORT EQUIPMENT INTELLIGENCE SUPPORT EQUIPMENT OCEANOGRAPHIC SUPPORT EQUIPMENT NAVAL RESERVE SUPPORT EQUIPMENT ENVIRONMENTAL SUPPORT EQUIPMENT						
TRAINING DEVICE MODIFICATIONS COMMAND SUPPORT EQUIPMENT COMMAND SUPPORT EQUIPMENT EDUCATION SUPPORT EQUIPMENT MEDICAL SUPPORT EQUIPMENT INTELLIGENCE SUPPORT EQUIPMENT OCEANOGRAPHIC SUPPORT EQUIPMENT NAVAL RESERVE SUPPORT EQUIPMENT ENVIRONMENTAL SUPPORT EQUIPMENT PHYSICAL SECURITY EQUIPMENT						
TRAINING DEVICE MODIFICATIONS COMMAND SUPPORT EQUIPMENT COMMAND SUPPORT EQUIPMENT EDUCATION SUPPORT EQUIPMENT MEDICAL SUPPORT EQUIPMENT INTELLIGENCE SUPPORT EQUIPMENT OCEANOGRAPHIC SUPPORT EQUIPMENT NAVAL RESERVE SUPPORT EQUIPMENT ENVIRONMENTAL SUPPORT EQUIPMENT						
TRAINING DEVICE MODIFICATIONS COMMAND SUPPORT EQUIPMENT COMMAND SUPPORT EQUIPMENT EDUCATION SUPPORT EQUIPMENT MEDICAL SUPPORT EQUIPMENT INTELLIGENCE SUPPORT EQUIPMENT OCEANOGRAPHIC SUPPORT EQUIPMENT NAVAL RESERVE SUPPORT EQUIPMENT ENVIRONMENTAL SUPPORT EQUIPMENT PHYSICAL SECURITY EQUIPMENT INDUSTRIAL DEPOT MAINTENANCE EQUIP						
TRAINING DEVICE MODIFICATIONS COMMAND SUPPORT EQUIPMENT COMMAND SUPPORT EQUIPMENT EDUCATION SUPPORT EQUIPMENT MEDICAL SUPPORT EQUIPMENT INTELLIGENCE SUPPORT EQUIPMENT OCEANOGRAPHIC SUPPORT EQUIPMENT NAVAL RESERVE SUPPORT EQUIPMENT ENVIRONMENTAL SUPPORT EQUIPMENT PHYSICAL SECURITY EQUIPMENT						
TRAINING DEVICE MODIFICATIONS COMMAND SUPPORT EQUIPMENT COMMAND SUPPORT EQUIPMENT EDUCATION SUPPORT EQUIPMENT MEDICAL SUPPORT EQUIPMENT INTELLIGENCE SUPPORT EQUIPMENT OCEANOGRAPHIC SUPPORT EQUIPMENT NAVAL RESERVE SUPPORT EQUIPMENT ENVIRONMENTAL SUPPORT EQUIPMENT PHYSICAL SECURITY EQUIPMENT INDUSTRIAL DEPOT MAINTENANCE EQUIP TOTAL, PERSONNEL AND COMMAND SUPPORT						

COMMITTEE RECOMMENDED ADJUSTMENTS

Reactor power units.—The Navy's budget request includes \$223,392,000 for the procurement of AIG reactor powers units for one CVN in fiscal year 1997. The Committee recommends providing \$193,392,000, a reduction of \$30,000,000 from the budget request.

Since this Committee has provided funds for advance procurement for a new SSN attack submarine, an additional power unit will be included in the fiscal year 1997 program. As a result of this additional unit, the overhead allocation will be spread over the two programs and a reduction of \$30,000,000 is warranted.

Submarine acoustic warfare system.—The Committee recommends providing \$15,840,000 for the procurement of submarine acoustic warfare systems in fiscal year 1997, an increase of \$8,000,000 above the budget request. The additional funds provided will enable the Navy to upgrade and modernize 10 submarines with the AN/UQX-5(V)9 EC2.

Carrier ASW module.—The Committee recommends providing \$9,144,000 for the procurement of carrier ASW modules in fiscal year 1997, an increase of \$9,000,000 above the budget request. The additional funds provided will permit the continued upgrade of six FTAS, AN/UQX–5(V)9 systems to the EC2 configuration, incorporation of six CV ASW module on-board trainers and one CV upgrade to the CV–TSC configuration.

Navy tactical data system.—The Committee recommends providing \$28,220,000 for these procurement activities in fiscal year 1997, an increase of \$10,000,000 above the budget request. The additional funds provided are for the procurement of land-based emulator systems for Navy test and training facilities to provide instruction to personnel on the use of shipboard equipment.

Fleet mine support equipment.—The Committee recommends providing \$7,630,000 for this program in fiscal year 1997, an increase of \$2,200,000 above the budget request. The additional funds are provided for the accelerated procurement of at least three versatile exercise mine systems [VEMS], depot automatic test equipment, engineering and technical support services, spares and other associated equipment and services.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

Item	1997 budget estimate	Committee recommendation	Change from budget estimate
Other navigation equipment	17,200	27,200	+10,000
Radar support		16,900	+16,900
SSTD	5,701	18,201	+12,500
Tactical Flag Command Center	23,941	27,441	+3,500
Minesweeping system replacement	22,853	48,698	+25,845
Satcom ship terminals (space)	115,837	145,837	+30,000
Satcom shore terminals (space)	24,653	29,653	+5,000
AN/SQQ-62 [DICASS]	22,704	29,704	+7,000

77

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
SSQ-53E		18,000	+ 18,000
Surface Tomahawk support equipment		85,574	+10,000
Antiship missile decoy system	15,109	24,109	+9,000
Amphibious equipment	3,138	8,138	+5,000
Tactical UAV		12,588	+12,588
Predator UAV		65,791	+65,791

PROCUREMENT, MARINE CORPS

Appropriations, 1996	\$458,947,000
Budget estimate, 1997	555,507,000
Committee recommendation	660,507,000

The Committee recommends an appropriation of \$660,507,000 for the "Procurement, Marine Corps" account for fiscal year 1997, an increase of \$105,000,000 to the President's budget request.

This appropriation provides the Marine Corps with funds for the

This appropriation provides the Marine Corps with funds for the procurement, delivery, and modification of missiles, armament, communication equipment, tracked combat and wheeled vehicles, and various support equipment.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
PROCUREMENT, MARINE CORPS						
AMMUNITION:						
5.56 MM, ALL TYPES		20,425		25,425		+5,000
7.62 MM, ALL TYPES		6,493		11,493		+5,000
.50 CALIBER		6,052		6,052		
40 MM, ALL TYPES		3,210		3,210		
60 MM HE M888		5,127		5,127		
81 MM HE		1,731		1,731		
81MM, HE, M889A1						
81 MM SMOKE SCREEN		2,573		2,573		
81MM ILLUMINATION						
120MM TPCSDS-T M865		2,545		2,545		
120MM (M829A2)						
120 MM TP-T M831		1,723		1,723		
155MM CHG. PROP. RED BAG				20,000		+20,000
155MM D864, BASE BLEED				40,000		+40,000
FUZE, ET, XM 762				25,000		+25,000
CTG 25MM, ALL TYPES		4,807		4,807		
9 MM ALL TYPES		2,793		2,793		
GRENADES, ALL TYPES		686		686		
ROCKETS, ALL TYPES						
		9,118		9,118		
OTHER SUPPORT:						
ITEMS LESS THAN \$2 MIL		1,601		1,601		
TOTAL, AMMUNITION		68,884		163,884		+ 95,000

78

LIN THOUSANDS OT COHARS]									
	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate			
WEAPONS AND COMBAT VEHICLES:									
TRACKED COMBAT VEHICLES:									
AAV7A1 PIP		14,003		14,003					
LAV PIP		8,666		8,666					
MODIFICATION KITS (TRKD VEH)		480		480 96					
ITEMS UNDER \$2M (TRKD VEH)		96		90					
MOD KITS (ARTILLERY)		1,114		1,114					
ITEMS UNDER \$2M (ALL OTHER)		122		122					
TOTAL, WEAPONS AND COMBAT VEHICLES		24,481		24,481					
GUIDED MISSILES AND EQUIPMENT:									
GUIDED MISSILES:									
HAWK MOD		2,780		2,780					
AAWS-MEDIUM	48	28,214		38,214	-48	+10,000			
PEDESTAL MOUNTED STINGER (PMS) (MYP)		10,562		10,562					
OTHER SUPPORT:									
MODIFICATION KITS		1,808		1,808					
ITEMS LESS THAN \$2 MILLION		96		96					
Total, guided missiles and equipment \dots		43,460		53,460		+ 10,000			
COMMUNICATIONS AND ELECTRONICS EQUIPMENT:									
MANPACK RADIOS:									
MANPACK RADIOS AND EQUIP									
EHICLE MOUNTED RADIOS AND EQUIPMENT:									
TELEPHONE AND TELETYPE EQUIPMENT:									
JOINT TACT INFO DIST SYS (CL I)									
REPAIR AND TEST EQUIPMENT:									
AUTO TEST EQUIP SYS		12,174		12,174					
ELECTRONIC TEST EQUIP (TEL)		8,559		8,559					
OTHER COMM/ELEC EQUIPMENT:									
SINGLE CHAN GRD & AIR RADIO									
OTHER SUPPORT (TEL):									
MODIFICATION KITS (TEL)									
ITEMS LESS THAN \$2M (TEL)									
COMMAND AND CONTROL SYSTEM (NON-TEL):									
TACTICAL AIR OPER MODULE (TAOM)									
ADVANCED TACT AIR COMMAND CENTER									
MULTI-SERV ADF FIELD ART TACTICAL DATA									
SYS									
TACTICAL COMBAT OPERATIONS SYS									
INTELL/COMM EQUIPMENT (NON-TEL) AN/TPQ-36 FIRE FINDER RADAR UPGRADE		30,380		30,380					
METEOROLOGICAL SYSTEMS		,		,					
INTELLIGENCE SUPPORT EQUIPMENT		26,372		26,372					
MOD KITS (INTEL)		11,955		11,955					
ITEMS LESS THAN \$2M (INTELL)		,		,					
REPAIR AND TEST EQUIPMENT (NON-TEL):									
MECH TEST TMDE		3,028		3,028					
		3,020		3,020					
OTHER COMM/ELEC EQUIPMENT (NON-TEL): NIGHT VISION EQUIPMENT		17,182		17,182					
ADP EQUIPMENT									
OTHER SUPPORT (NON-TEL):									
COMMAND POST SYSTEMS		11,402		11 //02					
				11,402					
MANEUVER C2 SYSTEMS		7,592		7,592					
RADIO SYSTEMS		52,862		52,862					
COMM SWITCHING & CONTROL SYSTEMS		16,922		16,922					
TELE/COMM INFRASTRUCTURE TECH SUPP		53,616		53,616					
MOD KITS MAGTE C41		43,418		43,418					
ITEMS < \$2M MAGTF C41		301		301					
MODIFICATION KITS (OTHER)		4,053		4,053					

79

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
ITEMS < \$2M (OTHER)		2,577		2,577		
AIR OPERATIONS C2 SYSTEMS		5,305		5,305		
MARINE ENHANCEMENT PROGRAM		7,695		7,695		
MODIFICATION KITS (NONTEL)						
ITEMS LESS THAN \$2M (NONTEL)						
TOTAL, COMMUNICATIONS AND ELECTRONICS EQUIPMENT		315,393		315,393		
SUPPORT VEHICLES:						
ADMINISTRATIVE VEHICLES:						
COMMERCIAL PASSENGER VEHICLES	88	1,910	88	1,910		
COMMERCIAL CARGO VEHICLES		7,687		7,687		
TACTICAL VEHICLES:		,,,,,,		,,00,		
TRAILERS		2,426		2,426		
OTHER SUPPORT:		2,120		2,120		
MODIFICATION KITS		1,503		1,503		
ITEMS LESS THAN \$2 MIL		446		446		
TILINIS LESS THAN \$2 WILL		440		440		
TOTAL, SUPPORT VEHICLES		13,972		13,972		
ENCINEED AND OTHER FOUNDMENT						
ENGINEER AND OTHER EQUIPMENT:		0.150		0.150		
ENVIRONMENTAL CONTROL EQUIP ASSORT		2,150		2,150		
POWER EQUIPMENT ASSORTED		8,477		8,477		
MATERIALS HANDLING EQUIPMENT:						
COMMAND SUPPORT EQUIPMENT						
AMPHIBIOUS RAID EQUIPMENT		277		277		
PHYSICAL SECURITY EQUIPMENT		5,985		5,985		
GARRISON MOBILE ENGR EQUIP		5,134		5,134		
TELEPHONE SYSTEM						
WAREHOUSE MODERNIZATION						
MATERIAL HANDLING EQUIP		3,067		3,067		
FIRST DESTINATION TRANSPORTATION		1,343		1,343		
GENERAL PROPERTY:						
FIELD MEDICAL EQUIPMENT						
TRAINING DEVICES		10,846		10,846		
CONTAINER FAMILY		7,134		7,134		
OTHER SUPPORT:						
MODIFICATION KITS		1,083		1,083		
ITEMS LESS THAN \$2 MIL		1,157		1,157		
TOTAL, ENGINEER AND OTHER EQUIPMENT		46,653		46,653		
ODADEO AND DEDAID DADTO		40.007		40.007		
SPARES AND REPAIR PARTS		42,667		42,667		
SPARES AND REPAIR PARTS		-3		-3		
PRECISION GUNNERY TRAINING SYSTEM						
TOTAL, PROCUREMENT, MARINE CORPS		555,507		660,507		+ 105,000

COMMITTEE RECOMMENDED ADJUSTMENTS

Small arms ammunition.—The Committee recommends providing an additional \$10,000,000 for the procurement of small arms ammunition identified by the Marine Corps as underfunded within its budget request. These additional funds included \$5,000,000 for 5.56 mm and \$5,000,000 for 7.62 mm ammunition.

ammunition identified by the Marine Corps as underfunded within its budget request. These additional funds included \$5,000,000 for 5.56 mm and \$5,000,000 for 7.62 mm ammunition.

AAWS-medium (Javelin).—The budget request includes \$28,214,000 to procure 148 Javelin missiles and 48 command launch units [CLU] for the Marine Corps. The Committee recommends providing \$38,214,000, an increase of \$10,000,000 over

the budget request, to provide the Marine Corps share of the advance procurement necessary for a proposed 3-year multiyear contract beginning in fiscal year 1997.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
155 mm chg, prop, red bag		20,000	+ 20,000
155 mm D-864, base bleed		40,000	+40,000
Fuze, ET, XM-762		25,000	+ 25,000

AIRCRAFT PROCUREMENT, AIR FORCE

Appropriations, 1996	\$7,367,983,000
Budget estimate, 1997	5,779,228,000
Committee recommendation	6.630.370.000

The Committee recommends \$6,630,370,000, an increase of \$851,142,000 to the budget request. This appropriation finances the construction, procurement, modernization, and modification of aircraft and equipment, including armor and armament, specialized ground-handling equipment, and flight training simulators, spare parts, and accessories; specialized equipment; and expansion of public and private plants, Government-owned equipment, and installation.

COMMITTEE RECOMMENDED PROGRAM

The Committee recommendation increases funds to procure additional Air Force fighter aircraft, tactical transports, weather reconnaissance aircraft, and a surveillance/target attack radar platform. Funds also are provided for bomber modifications. The Committee's adjustments are reflected in the following tables and discussed in the text which follows.

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AIRCRAFT PROCUREMENT, AIR FORCE						
COMBAT AIRCRAFT:						
STRATEGIC OFFENSIVE:						
B-1B (MYP)		16,597		13,497		-3,100
B-2A (MYP)		105,089		91,389		-13,700
B-2A (MYP) (AP-CY)						
TACTICAL FORCES:						
F–15A	4	185,442	4	149,042		-36,400
F–15A (AP–CY)						
F–16 C/D (MYP)	4	105,500	8	212,900	+4	+107,400
F–16 C/D (AP–CY)						
F-22 PREPRODUCTION AIRCRAFT				81,338		+ 81,338
TOTAL, COMBAT AIRCRAFT		412,628		548,166		+ 135,538

81 [In thousands of dollars]

[In thousan	ds of do	llars]				
	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AIRLIFT AIRCRAFT:						
TACTICAL AIRLIFT:						
C-17 (MYP)	8	1,919,305	8	1,902,605		-16,700
C-17 (MYP) (AP-CY)		223,500		212,000		-11,500
OTHER AIRLIFT:	1	CO 000		207 200	. 2	. 004 500
C/WC-130J STRATEGIC AIRLIFT	1	62,890	4	267,390	+3	+ 204,500
WC-130						
ABCCC						
		0.005.005				
TOTAL, AIRLIFT AIRCRAFT		2,205,695		2,381,995		+ 176,300
TRAINER AIRCRAFT:						
OPERATIONAL TRAINERS:						
JPATS	12	67,135	12	67,135		
TANKER, TRANSPORT, TRAINER SYSTEM		4,454		4,454		
TOTAL, TRAINER AIRCRAFT		71,589		71,589		
OTHER AIRCRAFT:						
HELICOPTERS:						
HH-60G	8	107,900	8	107,900		
MISSION SUPPORT AIRCRAFT:		. ,		. ,		
CIVIL AIR PATROL A/C	27	2,611	27	2,611		
C-20A	2	113,805	2	100,105		-13,700
C-21 REPLACEMENT AIRCRAFT						
E-8B	2	417,784	3	627,784	+1	+ 210,000
E-8B (AP-CY)		111,116		111,116		
TOTAL, OTHER AIRCRAFT		753,216		949,516		+ 196,300
MODIFICATION OF INDEPUTOE ALPOPACE						
MODIFICATION OF INSERVICE AIRCRAFT: STRATEGIC AIRCRAFT:						
B-2A		6,106		6,106		
B-1B		84,408		156,408		+ 72,000
B-52		8,782		8,782		
F–117		29,236		29,236		
TACTICAL AIRCRAFT:				,		
A-10		35,857		35,857		
F/RF-4		130		130		
F–15		179,318		179,318		
F-16		135,906		140,906		+5,000
F-16 DTS						
EF-111		862		862		
T/AT—37 AIRLIFT AIRCRAFT:		96		96		
C-5		54,921		53,163		- 1,758
C-9		4,091		4,091		1,750
C-17A		41,973		41,973		
C-21		4,936		4,936		
C-22		375		375		
C-STOL		773		773		
C-137		1,118		1,118		
C-141		52,372		52,372		
TRAINER AIRCRAFT:		7.000		7.000		
T-1		7,330		7,330		
T-3 (EFS) AIRCRAFT		148		148		
T_38		9,358		9,358		
T–41 AIRCRAFT T–43		24 1,059		24 1,059		
OTHER AIRCRAFT:		1,000		1,000		
KC-10A (ATCA)		13,228		13,228		
C-12		1,825		1,825		
		1,020		1,020		

82

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
C-18		1,083		1,083		
C-20 MODS		1,911		1,911		
VC-25A MOD		1,839		1,839		
C-130		96,353		96,353		
C-135		137,082		137,082		
E-3		287,920		287,920		
AWACS RE-ENGINING						
E-4		1.010		1.010		
H_1		5,410		5,410		
H–60		5,987		5,987		
OTHER AIRCRAFT		14,871		35,192		+ 20.321
GPS/FDR				,		.,.
OTHER MODIFICATIONS:						
		2 000		2 000		
CLASSIFIED PROJECTS		3,000		3,000		
PASSENGER SAFETY MODIFICATIONS				82,000		+ 82,000
AIRBORNE RECONNAISSANCE (MANNED)				268,066		+268,066
CIVIL RESERVE AIRLIFT FLEET (CRAF):						
DARP		66,186				-66,186
TOTAL, MODIFICATION OF INSERVICE AIR- CRAFT		1,296,884		1,676,327		+ 379,443
AIRCRAFT SPARES AND REPAIR PARTS:						
		214 745		220 045		. 15 100
SPARES AND REPAIR PARTS		314,745		329,845		+15,100
		170 400		100.040		10 170
COMMON AGE		176,422		160,243		-16,179
F-15 POST PRODUCTION SUPPORT		11,080		11,080		
F-16 POST PRODUCTION SUPPORT		81,562		70,908		-10,654
AIRCRAFT INDUSTRIAL BASE SUPPORT		33,144		33,144		
WAR CONSUMABLES		56,296		56,296		
MISC PRODUCTION CHARGES		210,654		185,948		-24,706
COMMON ECM EQUIPMENT		4,571		4,571		
DARP		150,742				-150,742
AIRBORNE RECONNAISSANCE SUPPORT				150,742		+150,742
TOTAL, AIRCRAFT SUPPORT EQUIPMENT AND FACILI-						
TIES		724,471		672,932		− 51,539
UNDISTRIBUTED REDUCTION						
TOTAL, AIRCRAFT PROCUREMENT, AIR FORCE		5,779,228		6,630,370		+ 851,142

COMMITTEE RECOMMENDED ADJUSTMENTS

Excess funds.—The reductions recommended by the Committee in the following table delete funds which are excess to firm program requirements based on delays in the release of prior-year funds; late award of contract efforts; slow execution of prior-year funds; or differences between the budget request and the actual program plans.

[In thousands of dollars]

Item	1997 budget estimate	Committee recommendation	Change from budget estimate
B-1B [MYP]/fiscal year 1995 excess interim contractor support funds	16,597	13,497	- 3,100
nancial requirements	105,089 1,919,300	91,389 1,902,600	$-13,700 \\ -16,700$

83

[In thousands of dollars]

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
C-17 advance procurement (contract savings) F-15/fiscal year 1996 and fiscal year 1997 excess	223,500	212,000	-11,500
LANTIRN targeting pod funds	185,442	149,042	-36,400
F-16 postproduction support/double budgeting of sus- tainment costs and unneeded production termination funds	81.600	70.946	- 10.654
C-20A/small VC-X aircraft/funds excess to known financial requirements	113,800	100,100	- 13,700
Common aerospace ground equipment [AGE]/fiscal year 1996 and fiscal year 1997 procurement of self-generating nitrogen systems postponed	176.422	160.243	– 16.179
Miscellaneous production charges/excess fiscal year	170,422	100,243	-10,179
1995 funds can fund fiscal year 1997 requirements	210,654	202,654	-8,000

Program and project funding increases.—The Committee recommends the addition of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/or requested by the Air Force to address budget shortfalls; and to effect funding transfers recommended by the Committee or the Air Force.

[In thousands of dollars]

1997 budget estimate	Committee rec- ommendation	Change from budget estimate
	81,338	+ 81,338
105,500	212,900	+107,400
62,890	252,500	+189,610
		+ 204,500
		- 14,890
417,900	627,900	+ 210,000
30,200 14,871	45,300 35,192	+ 15,100 + 20,321
	estimate 105,500 62,890417,900 30,200	estimate ommendation 81,338 105,500 212,900 62,890 252,500 417,900 627,900 30,200 45,300

ADJUSTMENTS TO AIRCRAFT MODIFICATIONS

The Committee recommends several adjustments to the proposed modification budgets for Air Force aircraft. The passenger safety modifications are in addition to other adjustments recommended elsewhere in this section for Air Force aircraft.

[In thousands of dollars]

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
B-1B	84,408	156,408	+ 72,000
Add funds for conventional bomb modules			+ 57,000
Add funds for BVUD targeting system			+15,000
F-16/600-gallon fuel tanks	135,906	140,906	+5,000

[In thousands of dollars]

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate	
C-5/1 month delay in contract for engine turbine upgrade	54,921	53,163	- 1,758	
9, T-43, C-135, other aircraft, E-4, C-137, VC-25, UH-1, C-5, C-130, C-27)		82,000	+ 82,000	

C-17 [MYP].—The procurement request for the C-17 includes about \$106,000,000 to acquire peculiar support equipment for an organic depot which ultimately could cost as much as \$480,000,000 to equip. The Committee understands that a final decision whether to create an organic depot or rely on private contractors still is under study. Accordingly, the Air Force is directed not to obligate any of the C-17 depot-related funds in the fiscal year 1997 budget request without consulting in advance with the Committee and without providing it with a report comparing the costs and benefits of the differing depot acquisition strategies.

Joint primary aircraft training system [JPATS].—The Committee recommends the full budget request for procurement of 12 JPATS aircraft. In addition, the Committee directs the Air Force to use \$15,300,000 in excess fiscal year 1996 funds appropriated for JPATS to buy an additional three aircraft for fiscal year 1997. In so doing, the Committee denies the use of these funds as a source for the Bosnia II reprogramming action request. The Secretary of Defense is directed to return these fiscal year 1996 funds to the Air Force without delay, so that they are available to procure the additional aircraft. The Committee also agrees with the use of \$37,400,000 in excess fiscal year 1995 JPATS funds to purchase six aircraft in fiscal year 1996. The Defense Secretary also is directed to return these funds to the service without delay for that purpose.

EF-111A aircraft.—The Air Force has failed to follow the guidance about the EF-111A electronic warfare aircraft expressed by the Committee and by the Congress in the joint explanatory statement of the committee of conference on the Department of Defense Appropriations Act, 1996. This guidance clearly discussed the requirements for maintaining a sufficient EF-111A force structure through fiscal year 1999. Instead, the Air Force has agreed to retire these aircraft and their significant electronic warfare jamming capabilities in fiscal year 1998.

The Committee disagrees strongly with the Air Force's decision and reemphasizes its conviction that the force structure endorsed during the fiscal year 1996 budget deliberations be maintained through fiscal year 1999. The Committee will monitor extremely closely developments concerning this issue.

F-I6 identification friend/foe [IFF].—The Committee is aware that an F-16 qualified advanced IFF [AIFF] system has been developed in the Mid-Life Upgrade Program to modernize the F-16's operated by our NATO allies. The Committee is concerned that the Air Force's strategy for equipping F-16's with a different, upgraded IFF system may hinder use of the beyond-visual-range capabilities of the advanced medium range air-to-air missile [AMRAAM]. Without an adequate system to identify friendly aircraft from adversary

targets, pilots may be constrained not to employ AMRAAM at its

optimum range.

Therefore, the Committee directs the Secretary of the Air Force to submit a report not later than April 15, 1997, which compares the costs, advantages, and disadvantages of acquiring the AIFF for U.S. aircraft. The report also should contain a procurement strat-

egy for such an acquisition.

Airborne warning and control system [AWACS].—The Committee has added funds to design, develop, and engineer modifications to the AWACS aircraft to permit the Air Force to begin reengining these high-value platforms during fiscal year 1998. The Air Force has informed the Committee about the significant nonrecurring engineering which is required to modify the aircraft, and the Committee does not believe it is prudent to undertake concurrent RDT&E and procurement activities.

The Air Force is directed to include full funding for reengining the entire AWACS fleet of 33 aircraft in its Future Years Defense Program for fiscal years 1998–2003. The Air Force also is directed to provide the Committee a detailed report on the schedule, technical risks, annual and total program costs, and acquisition strategy not later than April 1, 1997. The Committee directs the Air Force to consult with it well in advance of selecting an acquisition

strategy involving the leasing of engines.

U–2.—The Committee provides an additional \$5,000,000 to repair the U–2 damaged in the February 13, 1996, mishap. Further, the Committee provides an additional \$32,700,000 for Senior Glass and \$10,000,000 for the senior year electro-optical reconnaissance system [SYERS], as recommended by the Senate authorizing committee

RC-135 reengining.—The Committee provides \$145,200,000 to procure engine kits for six aircraft. The Committee expects the Air Force to provide funding to complete this effort, beginning in fiscal

year 1998.

E-8B joint surveillance/target attack radar system [JSTARS].—The Committee recommends additional funds to acquire three JSTARS aircraft in fiscal year 1997 instead of the two platforms included in the budget request. The Committee directs the Air Force to investigate the manufacturing feasibility, technical risks, annual and total program costs, and cost savings, of procurement of three JSTARS aircraft annually compared with the current plan to buy two platforms per year in the Future Years Defense Program. The Committee further directs the Air Force to submit to the congressional defense committees a full report on the results of this investigation not later than February 15, 1997.

Onboard oxygen generating systems [OBOGS].—The Committee urges that the Air Force commence the retrofitting of its fighter aircraft with affordable, nondevelopmental onboard oxygen generatives.

ating systems as soon as possible.

MISSILE PROCUREMENT, AIR FORCE

Appropriations, 1996	\$2,943,931,000
Budget estimate, 1997	2,733,877,000
Committee recommendation	2,713,944,000

The Committee recommends an appropriation of \$2,713,944,000 for the "Missile procurement, Air Force" account for fiscal year 1997. This recommendation is \$19,933,000 below the President's

budget request.

This appropriation provides financing for the construction, procurement, and modification of missiles, rockets, spacecraft, and related equipment, including investment and repair parts, ground-handling equipment, and training devices; and the expansion of public and private plants, Government-owned equipment, and installations.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MISSILE PROCUREMENT, AIR FORCE						
BALLISTIC MISSILES:						
MISSILE REPLACEMENT EQUIPMENT—BALLIS-						
TIC:						
MISSILE REPLACEMENT EQ-BALLISTIC		8,300		8,300		
OTHER MISSILES: STRATEGIC:						
HAVE NAP				39,900		+ 39,900
ADVANCED CRUISE MISSILE		1,236		1,236		
TACTICAL:		,		,		
JOINT DIRECT ATTACK MUNITION	937	23,010	937	23,010		
JOINT STANDOFF WEAPON		8,033		8,033		
AMRAAM	133	116,299	133	116,299		
AGM_130 POWERED GBU_15				40,000		+ 40,000
AGM—165 G MAVERICK TARGET DRONES:						
TARGET DRONES	88	38,040	88	38,040		
INDUSTRIAL FACILITIES		5.198		5,198		
MISSILE REPLACEMENT EQUIPMENT—OTHER:		0,200		0,100		
MISSILE REPLACEMENT EQ-OTHER		149		149		
TOTAL, OTHER MISSILES		191,965		271,865		+ 79,900
MODIFICATION OF INSERVICE MISSILES:						
CLASS IV:						
CONVENTIONAL ALCM						
AIM-9 SIDEWINDER		9,451		9,451		
MM III MODIFICATIONS		72,752		72,752		
AGM-88A HARM						
MODIFICATIONS UNDER \$2.0M		128		128		
TOTAL. MODIFICATION OF INSERVICE						
MISSILES		82,331		82,331		
MICCHE CDADEC DEDAID DADTO						
MISSILE SPARES + REPAIR PARTS: SPARES AND REPAIR PARTS		44,590		44,590		
OTHER SUPPORT:		44,550		44,550		
SPACE PROGRAMS:						
SPACEBORNE EQUIP (COMSEC)						
GLOBAL POSITIONING (MYP) SPACE	3	171,135	3	171,135		
GLOBAL POSITIONING (MYP) SPACE (AP-						
CY)		27,501		27,501		
IONDS (MYP) SPACE		4,112		4,112		
SPACE SHUTTLE OPERATIONS SPACE		52,500		47,700		- 4,800
SPACE BOOSTERS SPACE		489,606		388,306		-101,300

 $87 \\ \hbox{[In thousands of dollars]}$

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
MEDIUM LAUNCH VEHICLE SPACE MEDIUM LAUNCH VEHICLE SPACE (AP-	3	135,361	3	135,361		
CY)		40,238		40,238		
DEF METEOROLOGICAL SAT PROG SPACE		27,885		27,885		
DEFENSE SUPPORT PROGRAM (MYP)						
SPACE		70,967		70,967		
DEFENSE SATELLITE COMM SYSTEM						
SPACE		22,729		22,729		
DEFENSE SATELLITE COMM SYSTEM		4.000		4 000		
SPACE (AP-CY)		4,200		4,200		
SPECIAL PROGRAMS:		10.000		10.000		
SPACEBORNE EQUIP (COMSEC)		13,990		13,990		
IONDS (MYP) SPACE		201 200		051 525		40.00
SPECIAL UPDATE PROGRAMS		301,368		251,535		- 49,83
SPECIAL PROGRAMS		774,800		803,900		+ 29,10
TOTAL, OTHER SUPPORT		2,136,392		2,009,559		- 126,83
INITIONS & RELATED EQUIPMENT:						
ROCKETS + LAUNCHERS:						
2.75 INCH ROCKET MOTOR	25,392	10,126	25,392	10,126		
2.75" ROCKET HEAD SIGNATURE	25,360	1,795	25,360	1,795		
ITEMS LESS THAN \$2,000,000		50		50		
05CARTRIDGES:						
5.56 MM	18,951	7.653	18,951	7.653		
20MM TRAINING	435	2,404	435	2,404		
30 MM TRAINING	399	3,160	399	3,160		
CARTRIDGE CHAFF RR-180		0,100				
CARTRIDGE CHAFF RR-188	507	1,191	507	1.191		
ITEMS LESS THAN \$2,000,000		4,524		4,524		
BOMBS:		.,02.		.,02.		
MK-82 INERT/BDU-50	12,750	6,430	12,750	6,430		
TIMER ACTUATOR FIN FUZE		-,		-,		
GBU-28 HARD TARGET PENETRATOR	161	18,417	161	18,417		
BOMB PRACTICE 25 POUND	200,000	2,978	200,000	2,978		
MK-84 BOMB-EMPTY	1,500	3,594	1,500	3,594		
SENSOR FUZED WEAPON	400	131,146	400	156,146		+ 25,00
CBU-87 (COMBINED EFFECTS MUNI-		101,110		100,1.0		. 20,00
TIONS)						
CBU-87 GATOR INERT			13	5,050		
CBU-87 GATOR INERTTII-373A DIGITAL TEST SET	13	5 050				
TTU-373A DIGITAL TEST SET	13	5,050 50		,		
TTU-373A DIGITAL TEST SETITEMS LESS THAN \$2,000,000	13	5,050 50		50		
TTU-373A DIGITAL TEST SETITEMS LESS THAN \$2,000,000TARGETS:		50		50		
TTU-373A DIGITAL TEST SET		,		,		
TTU-373A DIGITAL TEST SET		50 50		50 50		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B	878,340	50		50		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B MJU-23 FLARE	878,340	50 50 20,018	878,340	50 50 20,018		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B MJU-23 FLARE MJU-10B	878,340 209,472	50 50 20,018 12,730	878,340 209,472	50 50 20,018 12,730		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B MJU-23 FLARE MJU-10B M-206 CARTRIDGE FLARE	878,340	20,018 12,730 12,791	878,340 209,472	50 50 20,018 12,730 12,791		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B MJU-23 FLARE MJU-10B M-206 CARTRIDGE FLARE INITIAL SPARES	878,340 209,472	50 50 20,018 12,730 12,791 25	878,340 209,472	50 50 20,018 12,730 12,791 25		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B MJU-23 FLARE MJU-10B M-206 CARTRIDGE FLARE INITIAL SPARES REPLENISHMENT SPARES	878,340 209,472	50 50 20,018 	878,340 209,472	50 50 20,018 12,730 12,791 25 2,201		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B MJU-23 FLARE MJU-10B M-206 CARTRIDGE FLARE INITIAL SPARES REPLENISHMENT SPARES MODIFICATIONS	878,340 209,472	50 20,018 212,730 12,791 25 2,201 650	878,340 209,472	50 20,018 212,730 12,791 25 2,201 650		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B MJU-23 FLARE MJU-10B M-206 CARTRIDGE FLARE INITIAL SPARES REPLENISHMENT SPARES MODIFICATIONS ITEMS LESS THAN \$2,000,000	878,340 209,472	50 50 20,018 	878,340 209,472	50 50 20,018 12,730 12,791 25 2,201		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B MJU-23 FLARE MJU-10B M-206 CARTRIDGE FLARE INITIAL SPARES REPLENISHMENT SPARES MODIFICATIONS ITEMS LESS THAN \$2,000,000 FUZES:	878,340 209,472	50 20,018 	878,340 209,472	50 20,018 		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B MJU-23 FLARE MJU-10B M-206 CARTRIDGE FLARE INITIAL SPARES REPLENISHMENT SPARES MODIFICATIONS ITEMS LESS THAN \$2,000,000 FUZES: JOINT PROGRAMMABLE FUSE(JPF)	878,340 209,472 	50 20,018 12,730 12,791 25 2,201 650 3,544 4,125	878,340 209,472	50 20,018 212,730 12,791 25 2,201 650 3,544 4,125		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B MJU-23 FLARE MJU-10B M-206 CARTRIDGE FLARE INITIAL SPARES REPLENISHMENT SPARES MODIFICATIONS ITEMS LESS THAN \$2,000,000 FUZES: JOINT PROGRAMMABLE FUSE(JPF) HARD TARGET SMART FUZES	878,340 209,472 	50 20,018 	878,340 209,472	50 20,018 		
TTU-373A DIGITAL TEST SET ITEMS LESS THAN \$2,000,000 TARGETS: ITEMS LESS THAN \$2,000,000 OTHER ITEMS: FLARE, IR MJU-7B MJU-23 FLARE MJU-10B M-206 CARTRIDGE FLARE INITIAL SPARES REPLENISHMENT SPARES MODIFICATIONS ITEMS LESS THAN \$2,000,000 FUZES: JOINT PROGRAMMABLE FUSE(JPF)	878,340 209,472	50 20,018 12,730 12,791 25 2,201 650 3,544 4,125	878,340 209,472	50 20,018 212,730 12,791 25 2,201 650 3,544 4,125		+ 2,00

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
TOTAL, MUNITIONS & RELATED EQUIP- MENT		270,299		297,299		+ 27,000
TOTAL, MISSILE PROCUREMENT, AIR FORCE		2,733,877		2,713,944		- 19,933

COMMITTEE RECOMMENDED ADJUSTMENTS

Have Nap (Raptor) AGM-142.—The Air Force budget contains no funding request for the continued procurement of the AGM-142 Raptor missile. The Committee recommends providing \$39,900,000 for the procurement of as many missiles as these funds will buy.

Excess funds.—The reductions recommended by the Committee in the following table delete funds which are excess to firm program requirements, including funds excess based on delays in the release of prior-year funds, late award of contract efforts; slow execution of prior-year funds; program plan changes since the budget was built; or differences between the budget request and the actual program plans.

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Space shuttle operations (inertial upper stage) (Space)/			
management reserve	52,500	47,700	-4,800
Space boosters (Space)	489,600	388,300	-101,300
Titan II:			
Fiscal year 1996 excess			-3,000
Fiscal year 1997 excess to known program			
requirements			-1,700
Titan IV:			
Fiscal year 1997 costs paid by classified			
user			-9,400
Fiscal year 1997 excess to known program			
requirements			-10,300
Fiscal year 1997 undefined management re-			
serve			-5,100
Fiscal year 1996—97 unvalidated, unad-			50.100
judicated claims			-53,100
Fiscal year 1997 premature, undesigned aero-			10.700
space ground equipment			-18,700

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

89

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
AGM-130 Powered GBU-15		40.000	+40.000
Sensor fuzed weapon	131,146	156,146	+ 25,000
Hard target smart fuze		2,000	+ 2,000

OTHER PROCUREMENT, AIR FORCE

Appropriations, 1996	\$6,284,230,000
Budget estimate, 1997	5,998,819,000
Committee recommendation	5,577,787,000

The Committee recommends an appropriation of \$5,577,787,000 for the "Other procurement, Air Force" account for fiscal year 1997. The recommendation is a decrease of \$421,032,000 from the budget request.

request.

This appropriation provides for the procurement of weapons systems and equipment other than aircraft and missiles. Included are munitions, other weapons, vehicles, electronic and telecommunications systems for command and control of operational forces, and ground support equipment for weapons systems and supporting structure.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
OTHER PROCUREMENT, AIR FORCE						
VEHICULAR EQUIPMENT:						
PASSENGER CARRYING VEHICLES:						
SEDAN. 4 DR 4X2	154	2,127	154	2.127		
STATION WAGON, 4X2	57	949	57	949		
BUSES	91	5.095	91	5.095		
AMBULANCES	4	292	4	292		
LAW ENFORCEMENT VEHICLE	199	3.510	199	3.510		
ARMORED SEDAN	1	287	1	287		
VEHICLE REPLACEMENT				25,000		+25,000
CARGO + UTILITY VEHICLES:				,		,
TRUCK, CARGO-UTILITY, 3/4T, 4X4	317	6,887	317	6,887		
TRUCK, CARGO-UTILITY, 1/2T, 4X2	257	6,392	257	6,392		
TRUCK, PICKUP, 1/2T, 4X2	572	8,678	572	8,678		
TRUCK, PICKUP, COMPACT	556	9,775	556	9,775		
TRUCK MULTI-STOP 1 TON 4X2	419	9,537	419	9,537		
TRUCK CARRYALL	145	2,989	145	2,989		
TRUCK, CARGO, 2 1/2T, 6X6, M-35						
MEDIUM TACTICAL VEHICLE						
TRUCK TRACTOR, OVER 5T	38	2,713	38	2,713		
CAP VEHICLES		760		760		
ITEMS LESS THAN \$2,000,000		10,240		10,240		
SPECIAL PURPOSE VEHICLES:						
TRUCK TANK FUEL R-11						
HMMWV, ARMORED	38	7,396	38	7,396		
TRACTOR, TOW, FLIGHTLINE	108	3,120	108	3,120		
ITEMS LESS THAN \$2,000,000		4.753		4,753		

90 [In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
FIRE FIGHTING EQUIPMENT:						
HEAVY RESCUE VEHICLE						
ITEMS LESS THAN \$2,000,000 MATERIALS HANDLING EQUIPMENT:						
60K A/C LOADER	37	40,296	37	63,396		+ 23,100
ITEMS LESS THAN \$2,000,000		2,133		2,133		
BASE MAINTENANCE SUPPORT:		2,133		2,133		
MODIFICATIONS		1,849		1,849		
ITEMS LESS THAN \$2,000,000		1,043		1,043		
						. 40 10
TOTAL, VEHICULAR EQUIPMENT		129,778		177,878		+ 48,10
ECTRONICS AND TELECOMMUNICATIONS EQUIP: COMM SECURITY EQUIPMENT(COMSEC):						
COMSEC EQUIPMENT		27,421		27,421		
SECURE TERMINAL EQUIPMENT						
MODIFICATIONS (COMSEC)		501		501		
INTELLIGENCE PROGRAMS						
PREDATOR						
INTELLIGENCE PROGRAMS:						
INTELLIGENCE DATA HANDLING SYS		14,009		20,309		+6,30
INTELLIGENCE TRAINING EQUIPMENT		1,989		1,989		
INTELLIGENCE COMM EQUIP		11,247		11,247		
ITEMS LESS THAN \$2,000,000						
ELECTRONICS PROGRAMS:		01.000		01.000		
THEATER AIR CONTROL SYS IMPROVEMENT		21,698		21,698		
WEATHER OBSERV/FORCAST		13,944		13,944		
STRATEGIC COMMAND AND CONTROL		23,382		23,382		
CHEYENNE MOUNTAIN COMPLEXSPACE BASED IR SENSOR PROG		3,083		3,083		
TAC SIGINT SUPPORT		5,817		5,817		
SPECIAL COMM—ELECTRONICS PROJECTS:		3,017		3,017		
AUTOMATIC DATA PROCESSING EQUIP		17,791		17,791		
WWMCCS/GLOBAL COMMAND & CONTROL		27,7.02		1,,,,,		
SYS		10,165		10,165		
MOBILITY COMMAND AND CONTROL		4,605		4,605		
AIR FORCE PHYSICAL SECURITY SYSTEM		14,316		14,316		
COMBAT TRAINING RANGES		11,364		11,364		
C3 COUNTERMEASURES		9,128		9,128		
BASE LEVEL DATA AUTO PROGRAM		22,385		22,385		
THEATER BATTLE MGT C2 SYS		47,966		47,966		
AIR FORCE COMMUNICATIONS:						
INFORMATION TRANSMISSION SYSTEMS						
BASE INFORMATION INFRASTRUCTURE		125,741		125,741		
USCENTCOM		2,298		2,298		
AUTOMATED TELECOMMUNICATIONS PRG		19,173		19,173		
DISA PROGRAMS:						
DEFENSE SUPPORT PROGRAM SPACE						
SPACE BASED IR SENSOR PROG SPACE		25,939				- 25,93
NAVSTAR GPS SPACE		3,308		4,308		+1,00
DEFENSE METEOROLOGICAL SAT PROG		10.500		10.500		
SPAC		10,533		10,533		
NUDET DETECTION SYS (NDS) SPACE		2,085		2,085		
AF SATELLITE CONTROL NETWORK SPACE		16,144		16,144		
EASTERN/WESTERN RANGE I&M SPACE		102,442		102,442		
MILSATCOM SPACESPACE MODS SPACE		52,164		52,164		
ORGANIZATION AND BASE:		23,378		23,378		
				74.075		. 50.00
		24 075				
TACTICAL C-E EQUIPMENT		24,075		74,075		
		24,075 2,858 9,174		74,075 2,858 9,174		+ 50,00

91
[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
CCTV/AUDIOVISUAL EQUIPMENT		3,958 9,714		3,958 9,714		
MODIFICATIONS: COMM ELECT MODS		14,211		14,211		
TOTAL, ELECTRONICS AND TELECOMMUNI- CATIONS EQUIP		710,408		741,769		+ 31,361
OTHER BASE MAINTENANCE AND SUPPORT EQUIP:						
TEST EQUIPMENT: BASE/ALC CALIBRATION PACKAGE PRIMARY STANDARDS LABORATORY PACK-		13,969		13,969		
AGE		1,563		1,563		
ITEMS LESS THAN \$2,000,000		12,188		12,188		
PERSONAL SAFETY AND RESCUE EQUIP: NIGHT VISION GOGGLES		3,645		3,645		
BREATHING APPARATUS TWO HOUR		1,993		1,993		
UNIVERSAL WATER ACTIVATED REL SYS		968		968		
ITEMS LESS THAN \$2,000,000		5,819		5,819		
DEPOT PLANT + MATERIALS HANDLING EQ:						
MECHANIZED MATERIAL HANDLING EQUIP		8,874		8,874		
ITEMS LESS THAN \$2,000,000		5,718		5,718		
ELECTRICAL EQUIPMENT: GENERATORS—MOBILE ELECTRIC		606		606		
ITEMS LESS THAN \$2,000,000 BASE SUPPORT EQUIPMENT:		3,425		3,425		
BASE PROCURED EQUIPMENT						
MEDICAL/DENTAL EQUIPMENT		15,268		15,268		
AIR BASE OPERABILITY PALLET AIR CARGO	4,000	4,866 3,562	4.000	4,866 8,562		+ 5,000
NET ASSEMBLY, 108"X88"		1,900	4,000	1,900		T 3,000
BLADDERS FUEL		1,911		1,911		
AERIAL BULK FUEL DELIVERY SYSTEM		2,063		2,063		
PHOTOGRAPHIC EQUIPMENT		6,089		6,089		
PRODUCTIVITY INVESTMENTS						
MOBILITY EQUIPMENT		21,259		21,259		
DEPLOYMENT/EMPLOYMENT CONTAINERS		1,948		1,948		
SPATIAL DISORIENTATION DEMONSTRATOR AIR CONDITIONERS		1,947 803		1,947 803		
ITEMS LESS THAN \$2,000,000		4,971		4,971		
SPECIAL SUPPORT PROJECTS:		4,571		4,571		
INTELLIGENCE PRODUCTION ACTIVITY		64,977		64,377		-600
TECH SURV COUNTERMEASURES EQ		1,061		1,061		
DARP		77,074				-77,074
AIRBOURNE RECONNAISSANCE PROJECTS COMMON IMAGERY GROUND SURFACE SYS-				77,074		+ 77,074
TEM (CIGSS) SELECTED ACTIVITIES		4,661,580		90,988 4,066,752		+ 90,988 594,828
SPECIAL UPDATE PROGRAM		176,455		175,402		- 594,626 - 1,053
INDUSTRIAL PREPAREDNESS		1,351		1,351		
MODIFICATIONS		195		195		
FIRST DESTINATION TRANSPORTATION		13,534		13,534		
TOTAL, OTHER BASE MAINTENANCE AND SUPPORT EQUIP		5,121,582		4,621,089		- 500,493
		*				
SPARE AND REPAIR PARTS: SPARES AND REPAIR PARTS		37,051		37,051		
TOTAL, OTHER PROCUREMENT, AIR FORCE		5,998,819		5,577,787		- 421,032

COMMITTEE RECOMMENDED ADJUSTMENTS

Vehicle replacement.—The Committee recommends providing \$25,000,000 to fill an urgent Air Force requirement to procure additional support vehicles to begin to reduce its 40,000 vehicle shortfall

Space-based IR sensor prog space.—The Air Force budget includes \$25,939,000 for the initial procurement of relay ground station communication electronics and processing hardware. The Committee recommends providing no funds for these activities in fiscal year 1997.

The Air Force has informed the Committee that because of delays in the development program, it will not begin the procurement of this hardware until fiscal year 1998. As requested by the Air Force, these funds were transferred to the RDT&E, Air Force appropriations account.

NAVSTAR GPS space.—The Committee recommends \$4,308,000 for this program in fiscal year 1997, an increase of \$1,000,000. The additional \$1,000,000 is to be applied to the Committee initiative for GPS receiver/navigation safety modifications for passenger aircraft in the Air Force inventory discussed elsewhere in this report.

craft in the Air Force inventory discussed elsewhere in this report. Tactical C-E equipment.—The Air Force budget request includes \$24,075,000 for the procurement of tactical communications and electronic equipment essential for command, control, and communication requirements for Air Force major commands. The Committee recommends providing \$74,075,000, an increase of \$50,000,000 above the budget request. The Committee provides these additional funds only for the procurement of theater deployable communications packages, one-half of which shall be deployed only to Air National Guard units.

Common imagery ground surface system [CIGSS].—The Committee has made a technical correction, as requested by the Department, and has realigned \$7,500,000 of the procurement funds requested for CIGSS to support the research and development efforts of this program. As discussed earlier in this report, funds requested for DARP activities in procurement, Defense-wide have been realigned to the responsible service account

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
60K loader	40,296	63,396	+23,100
Intelligence data handling system	14,009	20,309	+6,300
Pallet air cargo	3,562	8,562	+ 5,000

PROCUREMENT, DEFENSE-WIDE

Appropriations, 1996	\$2,124,379,000
Budget estimate, 1997	1,841,212,000
Committee recommendation	1,773,794,000

The Committee recommends an appropriation of \$1,773,794,000 for the "Procurement, defense-wide" account for fiscal year 1997, a decrease of \$67,418,000 below the budget estimate.

This appropriation provides for procurement of capital equipment for the Office of the Secretary of Defense, the Defense Nuclear Agency, the Defense Information Systems Agency, the Defense Logistics Agency, the Defense Mapping Agency, the Defense Investigative Service, the Defense Contract Audit Agency, the Defense Support Project Office, the Joint Staff, the On-Site Inspection Agency, the Ballistic Missile Defense Organization, special operations forces, and other classified and unclassified activities of the Department of Defense. The program includes procurement of automatic data processing equipment, mechanized material handling systems, general and special purpose vehicles, supplies, spare parts, communications equipment, expansion of public and private plants, acquisition of land, and for other purposes.

COMMITTEE RECOMMENDED PROGRAM

The following table details the Committee recommendations in comparison to the budget request:

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
PROCUREMENT, DEFENSE-WIDE						
MAJOR EQUIPMENT:						
MAJOR EQUIPMENT, OSD/WHS:						
MOTOR VEHICLES						
MAJOR EQUIPMENT, OSD		136,218		136,218		
HIGH SECURITY LOCKS				20,000		+20.00
MAJOR EQUIPMENT, WHS		15,207		15,207		
ARMED FORCE INFORMATION SERVICE		7,897		7,897		
DEPARTMENT OF DEFENSE EDUCATION ACTIVITY		1.595		1.595		
DEFENSE TECHNOLOGY SECRUITY ADMINISTRA-		-,		-,		
TION		698		698		
DARP		168,867				- 168.86
CORPORATE INFORMATION MANAGEMENT		100,007		5,000		+ 5,00
DEFENSE INFORMATION INFRASTRUCTURE				0,000		
INFORMATION RESOURCES MANAGEMENT						
CLASSIFIED EQUIPMENT				23.746		+ 23,74
MAJOR EQUIPMENT, NSA:				23,740		1 20,77
DEFENSE AIRBORNE RECONNAISSANCE PRO-						
GRAM		13,746				- 13,74
MAJOR EQUIPMENT, DNA:		13,740				13,74
VEHICLES		171		171		
OTHER MAJOR EQUIPMENT		7.700		7.700		
MAJOR EQUIPMENT. DISA:		7,700		7,700		
WWMCCS ADP SYSTEMS		3,992		3,992		
MOBILE SATELLITE SYSTEM TECHNOLOGIES		20,602		20,602		
INFORMATION SYSTEMS SECURITY						
CONTINUITY OF OPERATIONS		17,136		17,136 5.295		
		5,295		.,		
JOINT C4ISR		4,814		4,814		
DEFENSE MESSAGE SYSTEM		41,397		41,397		
PLANS & PROGRAM ANALYSIS SUPPORT CENTER		3,300		3,300		
ITEMS LESS THAN \$2 MILLION		293		293		
DRUG INTERDICTION SUPPORT						
MAJOR EQUIPMENT, DLA:						
DEFENSE SUPPORT ACTIVITIES		6,673		6,673		
AUTOMATIC DOCUMENT CONVERSION SYSTEM						
MAJOR EQUIPMENT, DMA						

[In thousan	ds of do	llars]				
	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
AUTOMATED INFORMATION SYSTEM EQUIPMENT VEHICLES		59		59		
OTHER CAPITAL EQUIPMENT		J3				
MAJOR EQUIPMENT, DIS:						
VEHICLES	244	2,996	244	2,996		
OTHER CAPITAL EQUIPMENT		8,590		8,590		
MAJOR EQUIPMENT, DCAA:						
ITEMS LESS THAN \$2 MILLION		3,832		3,832		
MAJOR EQUIPMENT, DSPO:		20.025		20.025		
MAJOR EQUIPMENT, DSPO		20,025		20,025		
MAJOR EQUIPMENT, TJS: MAJOR EQUIPMENT, TJS		21,501		21,501		
ON-SITE INSPECTION AGENCY:		21,301		21,301		
VEHICLES		95		95		
OTHER CAPITAL EQUIPMENT		3,191		3,191		
BALLISTIC MISSILE DEFENSE ORGANIZATION:		0,101		0,101		
PATRIOT PAC-3		215,378		215,378		
C ⁴ I		19,256		19,256		
HAWK BN/C3 MODS		19,379		19,379		
NAVY AREA TBDM PROGRAM		9,160		9,160		
TOTAL, MAJOR EQUIPMENT		779,063		645,196		- 133,867
SPECIAL OPERATIONS COMMAND: AVIATION PROGRAMS: RADIO FREQUENCY MOBILE ELECTRONIC TEST SET		14,340		14,340		
SOF ROTARY WING UPGRADES		4,788		4,788		
SOF TRAINING SYSTEMS		1,074		1,074		
MC-130H COMBAT TALON II		8,067		8,067		
AC-130U GUNSHIP ACQUISITION		44,800		44,800		
C-130 MODIFICATIONS		86,677		110,477		+ 23,800
AIRCRAFT SUPPORT		13,639		13,639		
SHIPBUILDING:						
PC,CYCLONE CLASS						
ADVANCED SEAL DELIVERY SYSTEM				4,400		+4,400
MK VIII MOD 1—SEAL DELIVERY VEHICLE		9,255		9,255		
SUBMARINE CONVERSION		6,027		6,027		
SUBMARINE CONVERSION (AP-CY)		2,886		2,886		
MK V SPECIAL OPERATIONS CRAFT (MK V SOC)		41,211		41,211		
AMMUNITION PROGRAMS:						
SOF PYRO/DEMO		6,161		6,161		
SOF INDIV WEAPONS AMMUNITION		24,379		24,379		
SELECTABLE LIGHTWEIGHT ATTACK MUNITION				г 000		
(SLAM)TIMES RELAY FIRING DEVICES				5,000		+ 5,000
OTHER PROCUREMENT PROGRAMS:				8,000		+ 8,000
LIGHT STRIKE VEHICLE						
MARITIME EQUIPMENT MODIFICATIONS		4,833		4,833		
SPARES AND REPAIR PARTS		36,134		36,134		
COMM EQUIPMENT & ELECTRONICS		26,617		39,617		+ 13,000
SOF INTELLIGENCE SYSTEMS		19,833		24,333		+ 4,500
SOF SMALL ARMS & WEAPONS		10,613		10,613		
SPECIAL WARFARE EQUIPMENT		5,030		579		- 4,451
MISCELLANEOUS EQUIPMENT		3,030		15,230		+ 12,200
SOF PLANNING AND REHEARSAL SYSTEM		1 070		1 070		
(SOFPARS)		1,876		1,876		
CLASSIFIED PROGRAMS PSYOP EQUIPMENT		75,221 7,794		75,221 7,794		
ADVANCED SEAL DELIVERY SYSTEM (ASDS)		7,794		7,794		
TOTAL, SPECIAL OPERATIONS COMMAND		454,285		520,734		+ 66,449

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
CHEMICAL/BIOLOGICAL DEFENSE:						
CBDP:						
PROTECTIVE MASK						
INDIVIDUAL PROTECTION		53,785		53,785		
DECONTAMINATION		252		252		
IMPROVED CHEM AGENT MONITOR (ICAM)						
NBC RECON SYS (NBCRS) MODS						
M17 DECON MODS						
POCKET RADIAC AN/UDR—13						
REMOTE CHEM AGT ALARM (RSCAAL)						
JOINT BIO DEFENSE PROGRAM		60.619		60.619		
COLLECTIVE PROTECTION		12.333		12.333		
CB PROTECTIVE SHELTER (CBPS)		,,,,,,				
CONTAMINATION AVOIDANCE		81.237		81.237		
JOINT BIO DEFENSE PRGM						
CHME/BIO DEFENSE EQ (AF)						
CHEM WARFARE DETECTORS						
CBR EQUIP-SHIPBOARD						
TOTAL, CHEMICAL/BIOLOGICAL DEFENSE		208,226		208,226		
CLASSIFIED PROGRAMS		399,638		399,638		
TOTAL, PROCUREMENT, DEFENSE-WIDE		1,841,212		1,773,794		- 67,41

COMMITTEE RECOMMENDED ADJUSTMENTS

SPECIAL OPERATIONS FORCES

Special warfare equipment.—The budget request includes \$5,030,000 for the procurement of unique maritime equipment to enable the Naval Special Warfare Command [NSWC] to meet specific requirements for the execution of special operations and fleet support missions. Included within this request is \$4,451,000 for the initial low-rate procurement of four rigid inflatable boats [RIB].

Because of delays in the source selection process for the competitive award of three off-the-shelf test articles, NSWC will not complete testing and final source selection until fiscal year 1998. The Committee, therefore, recommends providing no procurement funds for RIB low-rate initial production in fiscal year 1997, a reduction of \$4,451,000 from the budget request.

Miscellaneous equipment.—The budget request includes \$3,030,000 for the procurement of various types of equipment required to support special operations forces. The Committee recommends providing \$15,230,000, an increase of \$12,200,000 above the budget request.

The Committee recommends providing an additional \$4,100,000 to accelerate and complete the procurement of 357 wireless intercom systems for all Special Operations Command [SOCOM] aircraft, an additional \$6,600,000 to accelerate and complete the procurement of active noise reduction protection for the remainder of all SOCOM fixed wing assets, and an additional \$1,500,000 to initiate the procurement of individual body armor in sufficient quantities to support the issuance of one set for each authorized position, as outlined by the Senate Armed Services Committee. The

Committee expects SOCOM to budget for and procure the remaining quantities of body armor required for a revised supply policy which issues body armor for exclusive use while assigned in an authorized position.

OTHER ADJUSTMENTS

The Committee recommends incorporating the following adjustments to the budget estimate, in accordance with the Senate authorization committee action:

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Advance SEAL delivery system [ASDS] (advance procure-			
ment) (CY)		4,400	+4,400
Selectable lightweight attack munitions [SLAM]		5,000	+5,000
Timed relay firing devices		8,000	+8,000
Communication equipment and electronics	26,617	39,617	+13,000
SOF intelligence systems	19,833	24,333	+4,500
C-130 modifications	86,677	110,477	+23,800

NATIONAL GUARD AND RESERVE EQUIPMENT

Appropriations, 1996	\$777,000,000
Budget estimate, 1997	
Committee recommendation	759.800.000

The Committee recommends a funding level of \$759,800,000 for National Guard and Reserve dedicated equipment. This recommendation is \$759,800,000 above the budget request.

The appropriation for this account includes direction for each Reserve or National Guard component commander to prepare and submit to the congressional defense committees a detailed assessment of that component's modernization priorities.

The Committee maintains that the Reserves and National Guard should exercise control of funds provided for their modernization in this account. The separate submission of these assessments, directly from the components chiefs to the committees will ensure that the Reserve and National Guard priorities are addressed in the allocation of this appropriation.

COMMITTEE RECOMMENDED PROGRAM

The following tables detail the Committee recommendations in comparison to the President's budget request:

[In thousands of dollars]

	Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
NATIONAL GUARD & RESERVE EQUIPMENT						
RESERVE EQUIPMENT: ARMY RESERVE:						
MISCELLANEOUS EQUIPMENT				110,000		+110,000
NAVY RESERVE: MISCELLANEOUS EQUIPMENT				30,000		+ 30,000

Qty.	Budget estimate	Qty.	Senate allowance	Qty.	Senate compared to budget estimate
			40,000		+40,000
			50,000		+ 50,000
			230,000		+ 230,000
			125,400		+ 125,400
			40,000		+40,000
			165,400		+ 165,400
		6	284,400	+6	+ 284,400
		2	80,000	+2	+ 80,000
			759,800		+ 759,800
		uty. estimate			

COMMITTEE RECOMMENDED ADJUSTMENTS

ARMY RESERVE

Miscellaneous equipment.—The Committee recommends \$110,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Army Reserve units.

NAVY RESERVE

Miscellaneous equipment.—The Committee recommends \$30,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Navy Reserve units.

MARINE CORPS RESERVE

Miscellaneous equipment.—The Committee recommends \$40,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Marine Corps Reserve units.

AIR FORCE RESERVE

Miscellaneous equipment.—The Committee recommends \$50,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Air Force Reserve units.

ARMY NATIONAL GUARD

Miscellaneous equipment.—The Committee recommends \$125,400,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Army National Guard units.

AIR NATIONAL GUARD

Miscellaneous equipment.—The Committee recommends \$40,000,000 for the procurement of unspecified miscellaneous equipment to improve the readiness ratings of Air National Guard units

NATIONAL GUARD AND RESERVE AIRCRAFT

The Committee recommends a \$364,400,000 increase to the budget request for National Guard and Reserve components aircraft. Of the recommended funds, \$284,400,000 is provided for C–130J aircraft for the Air National Guard and \$80,000,000 is approved for C–9B replacement aircraft for the Naval Reserve.

The Committee believes that any additional support and conversion costs required for C-130 and WC-130 aircraft to accomplish Air National Guard and Air Force Reserve missions should be financed from within the funds recommended for unspecified miscellaneous equipment.

ITEMS OF SPECIAL INTEREST

The Committee agrees that this National Guard and Reserve equipment program shall be executed by the heads of the Guard and Reserve components with priority consideration for miscellaneous equipment appropriations given to the following items: Pacer Coin modifications, automatic identification technologies [AIT], FFG-7 command and control upgrade, UH-1/UH-60 medical evac helicopters rescue hoist, automatic building machines, M-915/916 heavy dump trucks, 5-ton flatbed trailers, MIUW van upgrades, M-913/927 extended range 105 mm projectiles, SQQ-T1 trainer aircraft, Marine Corps Reserve CH-53E helicopters, F-16 improved avionics intermediate shop [IAIS], small arms simulators, KC-135 reengining, UH-60Q helicopter upgrades, night vision devices and drivers' night viewers, CH-47 FADEC, UH-1 FADEC, AH-1 FADEC, Army National Guard external auxiliary fuel tanks, modular airborne firefighting systems, high mobility multipurpose wheeled vehicles, heavy equipment transport system, M-9 armored combat earthmovers, field artillery ammunition support vehicles, AH-1F multiplatform boresight equipment for the Army National Guard, AH-64 mission simulator for the Army National Guard, SINCGARS, Medium Truck Extended Service Program, and M-109A6 Paladin, C-23 Sherpa enhancement program for the Army National Guard, F-16 air combat maneuver instrumentation global positioning system untethered training pods for the Air National Guard, C-26 aircraft for the Air National Guard, upgrades for the ski-equipped C-130 aircraft in the Air National Guard, Air Force Reserve C-20 aircraft, F-16 HARM targeting pods, launchers, test and support equipment, HARM upgrades for the Air National Guard, E-kit engine upgrades for Air National Guard F-15 aircraft, F-16 litening night strike targeting pod system, M-109A5 howitzer upgrade, heavy equipment transport system [HETS], M-1A2 tanks, total asset visibility hardware and software, fuzz suppression chip detector system mods.

TITLE IV

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

SUMMARY OF COMMITTEE ACTION

The fiscal year 1997 Department of Defense budget request for research, development, test, and evaluation [RDT&E] totaled \$34,745,672,000. Title IV of the accompanying Senate bill contains \$37,434,464,000, an increase of \$2,688,792,000, or 7.7 percent, to the budget estimate. The recommended allowance is \$944,355,000 above the fiscal year 1996 appropriation for RDT&E in title IV. The following table summarizes the budget estimates and Committee recommendations:

[In thousands of dollars]

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
Research, development, test, and evaluation:			
Army	4,320,640	5,107,283	+786,643
Navy	7,334,734	8,067,543	+732,809
Air Force	14,417,456	14,778,540	+361,084
Defense-wide	8,398,836	9,190,092	+791,256
Director of Test and Evaluation	252,038	269,038	+17,000
Director of Operational Test and Evaluation	21,968	21,968	
Total, title IV, RDT&E	34,745,672	37,434,464	+ 2,688,792

JOINT ADVANCED STRIKE TECHNOLOGY/JOINT STRIKE FIGHTER

The Committee approves the budget request of \$589,069,000 for development of new fighter and attack aircraft for the Navy, Marine Corps, Air Force, and the United Kingdom's Royal Navy. U.S. costs to develop these new aircraft are expected to be about \$21,000,000,000. The Committee observes that melding the operational and technological requirements of four services into highly common airframes is a major challenge. Thus, it is far too early to rule out the prospects for major cost growth in this program.

The Committee questions the current pace of the Joint Strike Fighter Program, given the costs to continue it, the potential for cost growth, and the need to fund other service high priorities now and in the future.

DEFENSE FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS

The Committee recognizes the efforts the Department of Defense has made to better manage the 11 federally funded research and development centers [FFRDC's] sponsored by the armed services and the Office of the Secretary of Defense [OSD].

Nevertheless, the Committee observes that OSD's reliance on the FFRDC sponsors to define what are the core activities to which each FFRDC should be limited has yielded overly broad mission

statements and core competencies.

The Committee also is aware of a decision by the Department during the current fiscal year to protect funding for the studies and analysis FFRDC's at the expense of funding for one of the laboratory FFRDC's engaged in high-priority, classified activities. The Committee strongly urges the Department to reevaluate its FFRDC allocation priorities.

Furthermore, the Committee is concerned that the Department's new 5-year plan for FFRDC's forecasts growth for the studies and analysis centers. The Committee recognizes the usefulness of obtaining a certain level of FFRDC analytical support. However, it questions the wisdom of buying more paper studies when so many

real war-fighting requirements are underfunded.

To address its concerns, the Committee recommends a general provision governing the amount of funds which are allocated to the defense FFRDC's. The provision limits the fiscal year 1997 funds for FFRDC's to the total amount provided in fiscal year 1996, constrains the studies and analysis FFRDC's to their fiscal year 1996 funding level, and deletes the increase in overall FFRDC funding requested for fiscal year 1997. The recommended provision permits the Secretary of Defense to increase the funds allocated to an FFRDC subject to the disposition by the congressional defense committees, in each case, of a prior approval reprogramming action re-

The Committee directs that this relief mechanism only be used for unanticipated and emergency requirements. The Committee will not approve any reprogramming for any activities anticipated in the budget request but not identified by the Department in the individual FFRDC allocations proposed in the new 5-year plan.

Finally, the Committee will regard any proposed offsets for increased FFRDC funding other than congressional initiatives as low departmental priorities and will deal with them accordingly during consideration of future supplemental or annual budget requests.

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, ARMY

Appropriations, 1996	\$4,870,684,000
Budget estimate, 1997	4,320,640,000
Committee recommendation	5.107.283.000

The Committee recommends an appropriation of \$5,107,283,000 for the Army's research, development, test, and evaluation programs, an increase of \$786,643,000 to the budget request. The budget activities and programs funded under this appropriation are discussed below.

COMMITTEE RECOMMENDED ADJUSTMENTS

 ${\it Environmental\ quality\ technology}. \hbox{--The\ Committee\ approves \$10,000,000\ for\ the\ U.S.\ Army\ Environmental\ Center/Environ-}$ mental Technology Division for a joint effort with the Tennessee Valley Authority/Muscle Shoals Environmental Research Center to develop, demonstrate, and validate a plasma energy pyrolysis system [PEPS]. PEPS technology has the ability to render hazardous, chemical, and medical waste into an inert glass slag byproduct.

Army missile defense systems integration (demonstration/validation).—The Committee is aware of the importance of the Missile Defense Battle Integration Center [BIC] in accomplishing the integration of the Army's Theater Missile Defense Program. The Army's Battle Integration Center has been a critical participant in numerous exercises and experiments in fiscal year 1996, serving as an important tool for accomplishing the integration of the Army's Theater Missile Defense Program. The Committee allocates \$27,000,000 to continue BIC operations.

Missile and rocket advanced technology.—The Committee directs

that \$9,000,000 of the funds budgeted in this program element shall be available only to continue evaluations under the competi-

tive product improvement program for the hydra-70 rocket.

Artillery systems—demonstration/validation.—The Committee has provided funding to continue initial development of the advanced field artillery system known as Crusader. The Army recently transitioned the Crusader design to a solid propellant gun. This decision preserves Crusader's mobility advantage over the current Palladin system. However, Crusader's gun range will be matched by a number of international systems and could be achieved by improving the Palladin gun according to Army briefings.

Given the impact of this decision on Crusader performance, the Committee believes that the Department of Defense should reevaluate all possible options for modernizing its self-propelled howitzer. The system developed to modernize the Army's artillery force will likely serve the Army until 2030 or beyond. While the Army has placed great emphasis on equipping the first Crusader unit by

2005, Crusader must be a system for the 2020 battlefield.

To ensure the improvements offered by Crusader merit an investment of over \$8,000,000,000, the Committee believes DOD should conduct an independent assessment of all options for modernizing the Army's self-propelled howitzer force. The Committee directs the Under Secretary of Defense (acquisition and technology) to commission a Defense Science Board [DSB] panel to review all

possible options for performing the artillery mission.

The review should countenance the current and future threat the Army's combined arms force will face. Options may include an assessment of the ability of low cost, GPS guided rockets and standoff precision munitions like the joint direct attack munition [JDAM] to perform, in conjunction with an improved Palladin, portions of the artillery munition on today's and tomorrow's battlefield. The panel should assess all relevant aspects of the options, including the cost to acquire, the cost to effectively perform battlefield missions, and the flexibility to adapt to future battlefields.

The Committee directs that the congressional defense committees receive a report summarizing the analysis and conclusions of the

DSB panel no later than June 30, 1997.

Landmine warfare.—The Committee has provided an increase of \$18,000,000 to address technical problems with the wide area munition [WAM] and to accelerate the development of the preplanned product improvement [P³I] for WAM.

The Army had planned to buy a limited number of basic WAM's to meet a military requirement to begin fielding this system in 1996. Once emplaced, the basic WAM will detonate at a specified time. The WAM P³I version can be turned on and off and thus em-

placed multiple times.

Because of technical problems, limited production of the basic WAM has been delayed. The Committee directs that the additional funds be used to develop the improved WAM for procurement at the earliest possible date. The Committee has deleted procurement funds for the basic WAM and directs that prior-year funds be used

to prepare for the production of the improved WAM.

Landmine warfare/barrier—engineering development.—The Committee has deleted funds to begin EMD on the airborne standoff minefield detection system [ASTAMIDS]. The engineering and manufacturing development effort is premature until the results of a planned competitive test and Bosnia deployment are in hand. Furthermore, the Committee believes that newer technologies such as combined hyperspectral and thermal infrared can provide significantly better capability and enhanced military utility. The Committee has provided additional funds under the Office of the Secretary of Defense [OSD] demining program element which could be used to further develop ASTAMIDS.

Combat feeding, clothing, and equipment.—The Committee has fully funded the budget request for continued development of the Land Warrior/Gen II soldier system. While the Army's plan to combine these programs offers several advantages, it fails to adequately address the Congress' mandate that the Army transition promising Gen II soldier component technologies into the development program. The Committee is also aware of significant questions raised by the General Accounting Office regarding the maturity of Land Warrior technology. The Committee directs that the Army adjust the Land Warrior/Gen II soldier program to provide adequate resources for the Gen II technology demonstration efforts and to establish a development schedule which realistically enables transition of Gen II technologies.

Brilliant antiarmor submunition [BAT].—The Committee is concerned about the excessively concurrent development program for BAT. Before the basic BAT is fully defined and baselined, the Army is proceeding to commit itself to a preplanned product improvement [P³I]. Indeed, the BAT program experienced setbacks this year because the basic BAT configuration was not fully defined. Furthermore, a BAT submunition has not yet been successfully deployed from an Army tactical missile system [ATACMS]. In fact, the program is trying to resolve problems with the deceleration stabilization system [DSS], one of the critical subsystems required to deploy BAT from ATACMS.

Based on this information, the Committee has reduced funding for the BAT P³I program by \$20,000,000. The Committee believes that the current pace of the BAT P³I development program is not warranted until the baseline BAT is fully proven and successfully deployed from ATACMS. The Committee has added \$12,500,000 sought by the Army to compensate for corrective actions and schedule delays caused by a design verification test [DVT] failure.

Management headquarters (research and development).—The Committee allocates \$18,801,000, increasing the budget request by \$14,000,000. The Committee directs that the added funds shall be made available only to continue the Akamai program. The Committee directs that the Akamai funds are provided only to continue telemedicine efforts through the Tripler Army Medical Center. The Committee directs that \$2,700,000 of the increase is available only to continue the development of dual mode hyperspectral/fluorescence imaging technology.

The Committee is concerned about the merger of the Akamai and PACMEDNET programs for convenience. The Committee strongly urges the Army to explore ideas and technologies offered by entities outside of the PACMEDNET program. The Committee further urges the Army to assess the use of new contracts or alternate contract vehicles outside of the PACMEDNET program.

OTHER ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are not supported by firm requirements or out-year development and procurement funds; are premature until related, preliminary efforts are completed, and the results evaluated; are lower priority relative to other projects; are duplicative of other DOD projects; are increasing without a firm justification and out-year transition commitments; or can be deferred without adversely affecting related program developments.

[In thousands of dollars]

Item	1997 budget estimate	Committee recommendation	Change from budget estimate
Sensors and electronic survivability	23,608	19,792	-3,816
Nuclear effects survivability technology			-4,816
Projectile detection and cueing acoustic fire finder			
system ¹			+1,000
Ballistics technology			−7,052
Vulnerability/lethality for TMD			- 4,178
Future main battle tank ammo cartridge			- 350
Nonlethal technology			- 2,524
Combat vehicle and automotive advanced technology		,	- 4,000
Intra-vehicle electronic suite			-4,000
Global surveillance/air defense/precision strike technol-	40,258	25,258	-15,000
OgySurvivable armed reconnaissance on the digital	40,236	23,236	- 15,000
battlefield [SARDB]			-15,000
Night vision advanced technology		27.890	- 4,707
Advanced targeting for SARDB	,	,	-1.297
Aerial scout sensors integration			-3,410
Landmine warfare/barrier—Eng dev		7.731	-12,000
ASTAMIDS engineering development	,		-12,000
Aerostat Joint Project Office	38,940	31,940	-7,000
Risk Reduction Program			-3,000
Joint Program Management Office and program			
management support			-4,000

 $^{^{1}}$ Increase reflects Committee recommendations as outlined in the "Program and project increases" heading of this report section.

Excess funds.—The reductions recommended by the Committee in the following table delete funds which are excess to firm program requirements based on delays in the release of prior-year funds; late award of contract efforts; slow execution of prior-year funds; or differences between the budget request and the actual program plans.

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
University and industry research centers	47,288	44,288	-3,000
Federated labs			-5,000
National Automotive Center 1			+2,000
Combat vehicle and automotive technology	34,834	35,100	+266
Carry forward			-1,834
Voice instructional device 1			+2,100
Artillery systems—demonstration/validation	258,771	218,771	-40,000
Night vision systems—Eng dev	33,637	35,637	+2,000
Target acquisition system—TLOS			-3,000
Apache second generation FLIR ²			+5,000

¹Increase reflects Committee recommendations as outlined in the "Program and project funding increases" heading of

Program and project funding increases.—The Committee recommends the addition of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/ or requested by the Army to address budget shortfalls; and to effect funding transfers recommended by the Committee or the Army.

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Missile technology	20,295	32,795	+ 12,500
Advanced solid state dye lasers			+7,000
Kinetic energy missile technology			+5,500
Electronics and electronic devices	20,922	25,122	+4,200
"AA" zinc air battery		1,400	+1,400
Low cost reusable alkaline batteries for		,	,
SINCGARS		1,000	+1,000
No lead added alkaline cell		800	+800
Advanced nonmetallic rechargeable battery sys-			
tem		1,000	+1,000
Human factors engineering technology		18,372	+4,300
Med teams			+4,300
Environmental quality technology	19,457		+28,400
Environmental compliance projects using person-	,	,	,
nel and technologies at the WETO facility			+5,000
Plasma energy pyrolysis system [PEPS]			+10,000
Hawaii Small Business Development Center			+ 5,400
Facility environmental management and monitor-			,
ing system [FEMMS]			+4,000
Base facility environmental quality (Project			,
A896)—Agriculture based bioremediation			+4,000
Logistics technology			+3,000

this report section.

Increase reflects Committee recommendations as outlined in the "Authorization adjustments" heading of this report

 $105 \\ \hbox{[In thousands of dollars]}$

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Cold preservation of food and ration quality en-			
hancement			+3,000
Medical advanced technology	11,601	187,083	+175,482
Breast cancer research			+150,000
Tissue replacement			+15,000
Nutrition research			+3,482
Prostate cancer research			+7,000
Weapons and munitions advanced technology	19,759	22,759	+3,000
Electrorheological fluid recoil system			+3,000
Military HIV research	2,919	14,919	+12,000
Missile and rocket advanced technology	90,037	110,037	+20,000
MLRS guided rocket			+12,000
Future missile technology integration			+8,000
Hydra-70 product improvement			(9,000
Joint Service Small Arms Program	5,243	12,243	+7,000
Objective individual combat weapons			+5,000
Advanced light antiarmor weapons system			. 0.000
[ALAWS]Advanced tank armament system [ATAS]	9,639	12,639	+ 2,000 + 3,000
M—1A2 Tank Compact Autoloader Program	3,033	,	+ 3,000
Weapons and munitions—Adv dev		1,750	+ 1,750
Mk 19 weapons improvement		1,730	+ 1,750 + 1,750
			,
Light tactical wheeled vehicles		3,000	+ 3,000
All source analysis system	26 200	38.200	+ 3,000 + 2,000
Integrated battlespace intelligence server [IBIS]	36,200	,	+ 2,000
Landmine warfare	17 600	35,609	+ 18,000
Wide area munition	17,609		+18,000
Advanced command and control vehicle [AC ² V]	6,649	7,899	+ 1.250
Bradley C ² V Test Program sets	0,043	,	+ 1,250
Nonsystem training devices—Eng dev	42,865	52,865	+1,230
Phase II instrumentation for Joint Readiness	42,003	32,003	± 10,000
Training Center			10.000
Automatic test equipment development	2 702	7 702	+ 10,000
Integrated family of test equipment [IFTE]	2,793	7,793	+ 5,000 + 5,000
Brilliant antiarmor submunition [BAT]	190 407	172,907	→ 3,000 — 7,500
	180,407	,	+ 12,500
Program cost increases			
BAT preplanned product improvement [P31] Environmental compliance			-20,000
Notural gas bailer demonstration	53,911	55,911	+ 2,000
Natural gas boiler demonstration			+ 2,000
Management headquarters (research and development)	4.001	10.001	. 14 000
Akamai	4,801	18,801	+ 14,000
Combat vehicle improvement programs	197,796	211,146	+ 13,350
Advanced displays for the Abrams tank			+ 10,000
M-1A2 SEP Test Program sets			+ 1,200
Bradley BFIST ODS Test Program sets			+ 900
Bradley A3 BFIST Test Program sets			+ 450
Bradley A3 Test Program sets			+ 3,300
Bradley Stinger Test Program sets			+ 500
BFIST A3 phase II design engineering 1			- 3,000
Missile/Air Defense Product Improvement Program	30,959	85,959	+55,000
Patriot anticruise missile			+40,000
Starstreak evaluation			+15,000
Other missile product improvement programs	6,199	10,099	+3,900
Hellfire insensitive munition			+ 3,900
Industrial preparedness activities	16,842	31,842	+15,000

106

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
Total integration munitions engineering [TIME] Advanced nonmetallic rechargeable battery sys-			+ 10,000
tem		1,000	+1,000
Instrumented factory for gears [INFAC]		4,000	+4,000
EW development/ATIRCM-ATRJ integration	69,474	84,974	+15,500
Army Kwajalein Atoll	136,864	146,864	+10,000
Minor construction [RPM]—RDT&E	4,319	7,319	+3,000
Maintenance and repair [RPM]—RDT&E	66,047	74,047	+8,000
Base operations—RDT&E	216,649	232,649	+16,000

 $^{^{1}\}mathrm{Program}$ reduction recommended as described under the heading "Program reductions and deferrals."

Authorization adjustments.—The Committee recommends the following adjustments based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1997:

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Defense research sciences	141,682	127,332	- 14,350
Program reduction			-15,000
Marine-derived biocatalysts for defense and indus- trial applications ¹			+ 650
Materials technology		22,841	+12,000
Hardened Materials Program	10,041		+4,000
High modulus PAN-based graphite fibers			+ 8,000
Military engineering technology		38,898	+ 1,000
Cold Regions Research and Engineering Lab		,	+1,000 +1,000
Command, control, communications advanced technology		35,620	+ 12,500
Wave net technology	25,120		+4,000
Space Applications Technology Program			1 4,000
[SAT_P] 1			+3,500
Field Laser Radar Demo [FLD] Data Analysis Center			+ 5,000
Landmine warfare and barrier advanced technology		19,196	+ 4,000
Standoff microwave ground penetrating radar	13,130	13,130	+ 4,000
project			+4,000
Army missile defense systems integration (demonstra-			1 4,000
tion/validation)	2 88/	29,884	+27,000
Battlefield Integration Center [BIC]	2,004		+ 27,000
Landmine warfare and barrier—adv dev		28,564	+ 12,100
Ground standoff mine detection system			+12,100
Armored system modernization—adv dev			+12,100
M-1A2 Next Generation tank upgrade		,	+12,000
Javelin	1.643	6,143	+ 4,500
Integration and tandem testing for new war-	1,040	0,143	1 4,500
head			+4.500
Engineer mobility equipment development	35,410		+ 15,300
Heavy assault bridge	00,410		+ 12,300
Heavy Assault Bridge Test Program sets ¹			+ 1,500
Breacher Test Program sets 1			+ 1,500
DOD high energy laser test facility	2,967		+ 21,700
Operation and maintenance			+ 21,700
Nautilus/THEL		55.000	+ 55,000
Tactical high energy laser [THEL]		,	+ 50,000
Nautilus ¹			+ 5,000
Hauthus			⊤ 3,000

107 [In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Digitization	110,180	131,980	+ 21,800
ronment migration			+21,800
Force XXI		100,000	+100,000
Comanche	288,644	388,644	+100,000
Longbow—engineering development/2d gen FLIR	5,872	10,872	+5,000
Aircraft modifications/product improvement program	194	27,864	+27,670
Improved cargo helicopter			+22,720
CH-47 engine upgrades			+4,700
UH-60 door gun evaluation			+ 250

¹ Increase reflects Committee recommendations as outlined in the "Program and project funding increases" heading of

Aircraft modifications/product improvement program/CH-47 engine upgrade/UH-60 door gun evaluation.—As reflected in the "Authorization adjustments" table appearing in this section, the Committee approves an increase to the budget request for this program element to begin development of the improved cargo helicopter [ICH] and to support engine upgrades for current CH-47 cargo helicopters. The Committee also funds the engine upgrades in the Army aircraft procurement account.

The Committee directs the Secretary of the Army to submit, no later than February 15, 1997, a detailed report on the programmatic objectives, schedule, technical risks, annual and total program costs, and inventory requirements for the ICH program.

The Committee also is concerned about the defensive armament carried by Army utility helicopters for self-protection and landing zone suppression during airborne assaults. Accordingly, the Committee directs the Army to conduct an operational test of the GAU/ 19 .50 caliber weapon system on a Blackhawk helicopter and to report the results of these tests to the congressional defense committees no later than February, 15, 1997. The Committee has added \$250,000 to this program element to enable the Army Battle Laboratory to conduct these tests.

Tissue replacement.—The Committee considers the development of elastin-based biomaterial and laser and optical appliances to hold great promise for battlefield surgical repair. This is for wounds which would otherwise result in loss of damaged organs and body structures that could not be repaired with conventional surgery. Early tests point to the efficacy of instant, high tensile strength bonding using low power diode laser-based procedures in internal organs and vessels. The Committee adds \$15,000,000 to evaluate elastin-based biomaterials deployed via dye targeted laser fusion in FDA approved clinical trials as a prelude to deployment in the battlefield. The funding will also be used to develop portable diode lasers with fiber-based optical delivery appliances suitable for use by medical corpsmen.

Kwajalein Atoll; minor construction [RPM]—RDT&E; maintenance and repair [RPM]—RDT&E; base operations—RDT&E.—The Committee recommends increases of \$10,000,000, \$3,000,000, \$8,000,000, and \$16,000,000, respectively, to these program elements to permit the Army to maintain mission performance, safety, and reduce the backlog of maintenance and repair at major installations which support RDT&E activities. The Committee directs that no below threshold reprogramming [BTR] adjustments may be made to all funds provided in these program elements.

	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, ARMY			
BASIC RESEARCH:			
IN-HOUSE LABORATORY INDEPENDENT RESEARCH	. 14,701	14,701	
DEFENSE RESEARCH SCIENCES		127,332	- 14,350
UNIVERSITY AND INDUSTRY RESEARCH CENTERS		44,288	- 14,330 - 3,000
UNIVERSITE AND INDUSTREE RESEARCH GENTERS	. 47,200	44,200	- 3,000
TOTAL, BASIC RESEARCH	. 203,671	186,321	- 17,350
XPLORATORY DEVELOPMENT:			
TRACTOR ROSE	. 2,131	2,131	
MATERIALS TECHNOLOGY	. 10,841	22,841	+12,000
SENSORS AND ELECTRONIC SURVIVABILITY	. 23,608	19,792	-3,816
TRACTOR HIP		8,152	
AVIATION TECHNOLOGY		24,683	
EW TECHNOLOGY	,	15,845	
MISSILE TECHNOLOGY		32,795	+ 12,500
MODELING AND SIMULATION TECHNOLOGY	.,		,
		21,134	
COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY		35,100	+ 266
BALLISTICS TECHNOLOGY		24,114	-7,052
CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY		2,343	
JOINT SERVICE SMALL ARMS PROGRAM	. 4,593	4,593	
WEAPONS AND MUNITIONS TECHNOLOGY	. 25,611	25,611	
ELECTRONICS AND ELECTRONIC DEVICES	. 20,922	25,122	+4,200
NIGHT VISION TECHNOLOGY	. 16,994	16,994	
COUNTERMINE SYSTEMS		6,029	
HUMAN FACTORS ENGINEERING TECHNOLOGY		18,372	+ 4,300
ENVIRONMENTAL QUALITY TECHNOLOGY		47,857	+ 28,400
COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY		15,307	
COMPUTER AND SOFTWARE TECHNOLOGY		6,638	
MILITARY ENGINEERING TECHNOLOGY		38,898	+1,000
MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	,	9,528	
LOGISTICS TECHNOLOGY		20,808	+3,000
MEDICAL TECHNOLOGY		55,490	
ARMY ARTIFICIAL INTELLIGENCE TECHNOLOGY	. 2,226	2,226	
TOTAL, EXPLORATORY DEVELOPMENT	. 447,605	502,403	+ 54,798
NOVANCED DEVELOPMENT:			
LOGISTICS ADVANCED TECHNOLOGY		23,210	
MEDICAL ADVANCED TECHNOLOGY		187,083	+175,482
AVIATION ADVANCED TECHNOLOGY	. 41,478	41,478	
WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	. 19,759	22,759	+3,000
COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	. 31.552	27,552	- 4.000
COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY		35,620	+ 12,50
MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY		4,500	. 12,000
TRACTOR HIKE		17,176	
	, .		
TRACTOR DIRT	.,	3,335	
TRACTOR RED	,	5,125	
TRACTOR ROSE		5,078	
MILITARY HIV RESEARCHGLOBAL SURVEILLANCE/AIR DEFENSE/PRECISION STRIKE TECHNOL-		14,919	+ 12,000
OGY	. 40,258	25,258	-15,000
EW TECHNOLOGY		6.794	,
MISSILE AND ROCKET ADVANCED TECHNOLOGY	.,	110,037	+ 20,000
TRACTOR CAGE		8,851	,
LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY		19,196	+ 4,000
JOINT SERVICE SMALL ARMS PROGRAMLINE-OF-SIGHT TECHNOLOGY DEMONSTRATION	.,	12,243	+7,000
	. 18,173	18,173	

109

[in thousands of dollars]			
	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
NIGHT VISION ADVANCED TECHNOLOGY	32,597	27,890	— 4,707
MILITARY ENGINEERING ADVANCED TECHNOLOGY	20,664	20,664	.,,
ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOL-			
OGY	22,099	22,099	
TOTAL, ADVANCED DEVELOPMENT	448,765	659,040	+ 210,275
DEMONSTRATION AND VALIDATION:			
TRACTOR TREAD	2,409	2,409	
ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (DEM/VAL)	2,884	29,884	+27,000
LANDMINE WARFARE AND BARRIER—ADV DEV	16,464	28,564	+ 12,100
SMOKE, OBSCURANT AND TARGET DEFEATING SYS-ADV DEV ARMAMENT ENHANCEMENT INITIATIVE	6,380 48,221	6,380 48,221	
ARTILLERY PROPELLANT DEVELOPMENT	18,450	18,450	
ARMORED SYSTEM MODERNIZATION—ADV DEV		12,000	+ 12,000
ADVANCED TANK ARMAMENT SYSTEM (ATAS)	9,639	12,639	+ 3,000
ARMY DATA DISTRIBUTION SYSTEM	23,822	23,822	
TACTICAL ELECTRONIC SUPPORT SYSTEMS—ADV DEV	2,025	2,025	
SOLDIER SUPPORT AND SURVIVABILITY	6,680	6,680	
TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV	26,060	26,060	
NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	2,829	2,829	
NATO RESEARCH AND DEVELOPMENT	9,963	9,963	
AVIATION—ADV DEV	8,385	8,385	. 1 750
WEAPONS AND MUNITIONS—ADV DEV	7.500	1,750	+1,750
LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV	7,592	7,592	
COMBAT SERVICE SUPPORT CONTROL SYSTEM EVALUATION AND A MEDICAL SYSTEMS—ADV DEV	13,140 10,211	13,140 10,211	
TRACTOR CAGE (DEM/VAL)	3,124	3,124	
ARTILLERY SYSTEMS—DEM/VAL	258,771	218,771	- 40.000
SCAMP BLOCK II DEM/VAL	8,080	8,080	
TOTAL, DEMONSTRATION AND VALIDATION	485,129	500,979	+ 15,850
ENGINEERING AND MANUFACTURING DEVEL:			
AIRCRAFT AVIONICS	15,008	15,008	
ARMED, DEPLOYABLE OH-58D	1,154	1,154	
COMANCHE	288,644	388,644	+100,000
EW DEVELOPMENT	69,474	84,974	+15,500
ALL SOURCE ANALYSIS SYSTEM	36,200	38,200	+ 2,000
FOLLOW-ON TO TOW	5,596	5,596	
TRACTOR CAGE	1,561 1,643	1,561 6,143	+ 4,500
LANDMINE WARFARE	17,609	35,609	+ 18,000
AIR TRAFFIC CONTROL	5,549	5,549	
ADVANCED COMMAND AND CONTROL VEHICLE (AC2V)	6,649	7,899	+ 1,250
TACTICAL UNMANNED GROUND VEHICLE (TUGV)	2,884	2,884	
LIGHT TACTICAL WHEELED VEHICLES		3,000	+3,000
ARMORED SYSTEMS MODERNIZATION (ASM)-ENG. DEV	6,726	6,726	
ENGINEER MOBILITY EQUIPMENT DEVELOPMENT	35,410	50,710	+15,300
NIGHT VISION SYSTEMS—ENG DEV	33,637	35,637	+ 2,000
COMBAT FEEDING, CLOTHING, AND EQUIPMENT	78,063	78,063	. 10 000
NON-SYSTEM TRAINING DEVICES—ENG DEV TERRAIN INFORMATION—ENG DEV	42,865	52,865	+10,000
INTEGRATED BROADCAST SERVICE	7,369	7,369	
AIR DEFENSE COMMAND. CONTROL AND INTELLIGENCE—ENG DE	4,867 20,516	4,867 20,516	
AUTOMATIC TEST EQUIPMENT DEVELOPMENT	2,793	7,793	+ 5,000
DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENGINEERI	15,966	15,966	
TACTICAL EXPLOITATION OF NATIONAL CAPABILITIES—EMD (15,758	15,758	
BRILLIANT ANTI-ARMOR SUBMUNITION (BAT)	180,407	172,907	-7,500
JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM	9,857	9,857	
POSITIONING SYSTEMS DEVELOPMENT (SPACE)	437	437	
COMBINED ARMS TACTICAL TRAINER (CATT)	26,713	26,713	
AVIATION—ENG DEV	5,518	5,518	

110 [In thousands of dollars]

ın	tnousands	OT	dollars

[iii thousands of donars]			
	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
WEAPONS AND MUNITIONS—ENG DEV	20,468	22,068	+ 1,600
LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV	20,330	20,330	1 1,000
COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV	9.796	9,796	
MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT	4,794	4,794	
LANDMINE WARFARE/BARRIER—ENG DEV	19.731	7,731	- 12,000
SENSE AND DESTROY ARMAMENT MISSILE—ENG DEV	10,149	10,149	
LONGBOW—ENG DEV	5,872	10,872	+ 5,000
COMBAT IDENTIFICATION	16,783	16,783	
ARMY TACTICAL COMMAND AND CONTROL HARDWARE AND SOFT-	10,700	10,703	
WARE	16,429	16,429	
FIREFINDER	551	551	
TOTAL, ENGINEERING AND MANUFACTURING DEVEL	1,063,776	1,227,426	+ 163,650
DDT05 MANAGEMENT OUDDODT			
RDT&E MANAGEMENT SUPPORT:	11 007	11 007	
THREAT SIMULATOR DEVELOPMENT	11,627	11,627	
TARGET SYSTEMS DEVELOPMENT	10,129	10,129	
MAJOR T&E INVESTMENT	41,725	41,725	
RAND ARROYO CENTER	21,763	21,763	. 10 000
ARMY KWAJALEIN ATOLL	136,864	146,864	+10,000
ARMY TEST RANGES AND FACILITIES	133,012	133,012	
ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	22,413	22,413	
SURVIVABILITY/LETHALITY ANALYSIS	31,343	31,343	
DOD HIGH ENERGY LASER TEST FACILITY	2,967	24,667	+21,700
AIRCRAFT CERTIFICATION	2,905	2,905	
METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	6,484	6,484	
MATERIEL SYSTEMS ANALYSIS	14,428	14,428	
EXPLOITATION OF FOREIGN ITEMS	7,347	7,347	
SUPPORT OF OPERATIONAL TESTING	50,906	50,906	
PROGRAMWIDE ACTIVITIES	61,092	61,092	
INTERNATIONAL COOPERATIVE RESEARCH AND DEVELOPMENT	1,566	1,566	
TECHNICAL INFORMATION ACTIVITIES	16,921	16,921	
MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	2,282	2,282	
ENVIRONMENTAL CONSERVATION	1,759	1,759	
POLLUTION PREVENTION	13,894	13,894	
ENVIRONMENTAL COMPLIANCE	53,911	55,911	+ 2,000
MINOR CONSTRUCTION (RPM)—RDT&E	4,319	7,319	+ 3,000
MAINTENANCE AND REPAIR (RPM)—RDT&E	66,047	74,047	+ 8,000
REAL PROPERTY SERVICES (RPS)—RDT&E	92,390	92,390	
BASE OPERATIONS—RDT&E	216,649	232,649	+ 16,000
MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)	4,801	18,801	+ 14,000
TOTAL, RDT&E MANAGEMENT SUPPORT	1,029,544	1,104,244	+ 74,700
OPERATIONAL SYSTEMS DEVELOPEMENT:	01.071	0107	
MLRS PRODUCT IMPROVEMENT PROGRAM	64,271	64,271	
AEROSTAT JOINT PROJECT OFFICE	38,940	31,940	− 7,000
ADV FIELD ARTILLERY TACTICAL DATA SYSTEM	39,497	39,497	
COMBAT VEHICLE IMPROVEMENT PROGRAMS	197,796	211,146	+13,350
MANEUVER CONTROL SYSTEM	29,082	29,082	
AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS	194	27,864	+27,670
AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	2,947	2,947	
DIGITIZATION	110,180	131,980	+21,800
MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	30,959	85,959	+ 55,000
OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	6,199	10,099	+3,900
TRACTOR RUT	3,179	3,179	
TRACTOR CARD	6,933	6,933	
JOINT TACTICAL COMMUNICATIONS PROGRAM (TRI-TAC)	18,693	18,693	
JOINT TACTICAL GROUND SYSTEM	2,124	2,124	
SPECIAL ARMY PROGRAM	10,185	10,185	
INFORMATION SYSTEMS SECURITY PROGRAM	3,161	3,161	
SATCOM GROUND ENVIRONMENT (SPACE)	40,677	40,677	
WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	19,804	19,804	

	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
SECURITY AND INVESTIGATIVE ACTIVITIES	487	487	
END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	16,842	31,842	+15,000
FORCE XXI INITIATIVE		100,000	+100,000
NAUTILUS/THEL		55,000	+ 55,000
TOTAL, OPERATIONAL SYSTEMS DEVELOPEMENT	642,150	926,870	+ 284,720
TOTAL, RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, ARMY	4,320,640	5,107,283	+ 786,643

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, NAVY

Appropriations, 1996	\$8,758,132,000
Budget estimate, 1997	7,334,734,000
Committee recommendation	8,067,543,000

The Committee recommends an appropriation of \$8,067,543,000 for the Navy's research, development, test, and evaluation programs, an increase of \$732,809,000 to the budget request.

The budget activities and programs funded under this appropria-

tion are discussed below.

COMMITTEE RECOMMENDED ADJUSTMENTS

Defense research sciences.—Of the funds provided for the Navy's basic research efforts under the Defense Research Sciences Program element, the Committee directs that \$900,000 shall be made available only to the National Center for Physical Acoustics for continued research and development programs centering on ocean acoustics as it applies to advanced antisubmarine warfare acoustics issues with focus on ocean bottom acoustics, seismic coupling, seasurface and bottom scattering, oceanic ambient noise, underwater sound propagation, bubble-related ambient noise, acoustically active surfaces, machinery noise, propagation physics, solid state acoustics, electrorheological fluids, transducer development, ultrasonic sensors, and other such projects as may be agreed upon. Within these funds, \$250,000 may be used to provide special equipment as required.

Surface ship technology.—The Committee recommendation includes an addition of \$10,000,000 for developing surface ship composite material technology. The increase is required to test model sections now being fabricated, and to build a full-scale hull structure to explore the benefits which might be gained in ship performance, signature reduction, and high strength in low weight structures.

Marine Corps modeling and simulation.—The Committee believes the Sea Dragon initiative can be enhanced by utilizing the computational capabilities available from massively parallel supercomputing. Using the advanced distributed simulation methodology and entity-based technologies developed under the DARPA Synthetic Theater of War [STOW] Program, the Marine Corps Modeling and Simulation Office can provide the Sea Dragon initiative with significant insight on small unit operations. The Committee recommends the development of this capability by employing Pacific basin supercomputing resources funded by the DOD High Per-

formance Computing Modernization Program. The extension of these technologies to investigate weapon system acquisition, warfare analysis, force structure planning, and doctrine development for the 21st century will empower the Marine Corps to rapidly explore, with high fidelity, a wide spectrum of tradeoffs at a significant savings in manpower and cost.

Other helo development.—The Committee recommends an increase of \$6,800,000 for continued development under the SH-60R program. This increase is provided only for the LAMPS MK III block II helicopter avionics engineering and manufacturing development [EMD] program, in order to maintain a program schedule

leading to an initial operating capability [IOC] of 2001.

Airborne MCM.—The Committee has provided \$13,000,000 for a competitive flyoff of systems for detecting, locating, and classifying various underwater mines. The Committee directs that any and all concepts be given an opportunity to participate in this competition. In particular, the Committee is aware of a system which should be included in this competition and takes advantage of the collection and processing of hyperspectral data to locate and classify underwater objects. The Committee further directs that a variety of specific test scenarios be utilized under this competition.

Consolidated training systems development.—The Committee has provided \$5,000,000 for a competitive program to acquire needed optical sensors for the Pacific Missile Range facility [PMRF] to support Mountain Top, Navy upper tier, Navy lower tier, and other

test and training activities.

Advanced submarine system development.—The Committee approves \$46,400,000, an increase of \$20,000,000 over the budget request. The Committee has added the additional funds to support development of advanced submarine design concepts and technologies. The Committee urges the Navy to use these funds to pursue advanced hydrodynamic and hydroacoustic technologies through modeling and, where appropriate, by the testing of large scale models.

Industrial preparedness.—The Committee recognizes the benefits of programs currently funded through this manufacturing technology [Mantech] account which are designed to provide comprehensive career analysis and retraining models for the military and civilian personnel who have been or will be terminated from their jobs as a consequence of base closure decisions in the Southeast. The Committee, therefore, encourages the Defense Department to provide funding for the continuation of these programs and suggests priority consideration be given to those which can be completed in fiscal year 1997.

OTHER ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are not supported by firm requirements or out-year development and procurement funds; are premature until related, preliminary efforts are completed, and the results evaluated; are lower priority relative to other projects; are duplicative of other DOD projects; are increasing without a firm

justification and out-year transition commitments; or can be deferred without adversely affecting related program developments.

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Undersea warfare advanced technology	43,583	34,583	- 9,000
Shipboard/airborne periscope detection radar			-14,000
Environmentally compliant torpedo fuel 1			+5,000
Advanced technology transition	104,424	91,424	-13,000
Program growth			-15,000
SLICE 2			+2,000
Tactical air intercept/AIM missiles potential overrun re-			
serve	58,415	53,925	-4,490

Excess funds.—The reductions recommended by the Committee in the following table delete funds which are excess to firm program requirements based on delays in the release of prior-year funds; late award of contract efforts; slow execution of prior-year funds; or differences between the budget request and the actual program plans.

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Precision strike and air defense	55,560	46,311	- 9,249 - 9.249
Surface and shallow water mine countermeasures Obstacle breaching system	86,995	94,751	+ 7,756 - 4.244
Integrated combat weapon system [ICWS] block l ¹			+ 12,000

 $^{^1}$ Increase reflects Committee recommendations as outlined in the "Program and project funding increases" heading of this report section.

Program and project funding increases.—The Committee recommends the addition of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/ or requested by the Navy to address budget shortfalls; and to effect funding transfers recommended by the Committee or the Navy.

[In thousands of dollars]

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Surface ship technology	35,591	56,591	+ 21,000
Power node control centers			+1,000
Ship technology automated systems monitoring			+2,000
Landing ship quay/causeway [LSQ/C]			+8,000
Surface ship composite material technology			+10,000
Undersea surveillance weapon technology	49,580	50,080	+ 500
"AA" lithium carbon monofluoride battery			+500
Mine countermeasures, mining and special warfare	40,534	48,534	+8,000
Rapid airborne mine clearance system [RAMICS]			+8,000
Oceanographic and atmospheric technology	44,559	66,559	+22,000

¹Program adjustment recommended as described under the heading "Authorization adjustments." ²Increase reflects Committee recommendations as outlined in the "Program and project funding increases" heading of

114 [In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
National oceanographic partnerships			+ 13,000
Polar ozone atmospheric monitor [POAM]			+4,000
Ocean climate research			+5,000
PM-10			(750)
Medical development	37,342	43,842	+6,500
Freeze dried blood			+2,500
Mobile medical monitor (M ³)			+4,000
Air/ocean tactical applications	16,519	19,719	+3,200
Mapping, charting, and geodesy			+3,200
Conventional munitions	26,490	29,490	+3,000
Insensitive munitions			+3,000
Other helo development	40,132	66,932	+26,800
SH-60R			+6,800
Parametric airborne dipping sonar [PADS]			+10,000
CH-60 vertical replenishment demo			+10,000
EW development	78,748	136,158	+57,410
ALR-67(V)3			+15,410
EA-6B reactive receiver			+32,000
EA-6B advanced jamming techniques develop- ment			+ 10,000
Defense meterological satellite program (space)/GEOSAT			
follow-on	1,195	16,195	+15,000
Carrier systems development/advanced technologies for CVN-77 and CV(X)	12,745	35.745	+23,000
Aircrew systems development/ejection seats, troop	12,710	00,7 10	1 20,000
seats, helmet development	11.089	16,089	+5,000
Navigation/ID system/passenger safety modifications	46.885	48,885	+ 2,000
Tactical unmanned aerial vehicle [UAV]	10,000	66,808	+ 66,808
Predator		6,099	+ 6,099
Special processes	82,764	92,315	+ 9,551
Gun weapon system technology	42,204	60,204	+ 18,000
Integrated surveillance system	14.033	36.133	+ 22,100
Surveillance towed array sensor system	11,000	00,100	1 22,100
[SURTASS]/Low Frequency Active Program			+22,100
Tomahawk and Tomahawk mission planning center	136,364	156,364	+ 20,000
HARM improvement	3,348	13.348	+ 10,000
Advanced antiradiation guided missile [AARGM]			+10,000
Industrial preparedness	35,526	88.000	+ 52,474
Program increase	00,020		+ 31,474
Lithographic and Alternative Semiconductor Proc-			. 52,171
essing Techniques [LAST] Center			+15.000
Manufacturing Technology Transfer Center			+6,000

¹ Program reduction recommended as described under the heading "Program reductions and deferrals." ² Reduction reflects the availability of excess funds, as described in the "Excess funds" heading.

Authorization adjustments.—The Committee recommends the following adjustments based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1997:

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
Defense research sciences	,	361,904	-10,000
Basic research decrease			-10.000

115 [In thousands of dollars]

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
National Center for Physical Acoustics			(900)
Surface/aerospace surveillance and weapons technol-			
ogy	26,312	35,312	+9,000
Continuous wave superconducting radio frequency			
free electron laser			+9,000
Materials, electronics, and computer technology	75,886	88,386	+12,500
New processes for Navy aircraft skins			+5,000
Carbon reinforced, recycled thermoplastic engi- neered lumber ¹			+ 2,500
Advanced Materials Intelligent Processing Cen-			1 2,000
ter ¹			+5,000
Undersea warfare weaponry technology	33,891	42,391	+ 8.500
Antisubmarine/antitorpedo weapon			+6,000
Semiautonomous underwater vehicle for interven-			•
tion missions 1			+2,500
Ship propulsion system	28,557	36,557	+8,000
Active control of machinery rafts (Project M)			+8,000
Marine Corps advanced technology demonstration			
[ATD]	24,212	65,712	+41,500
Sea Dragon			+40,000
Air defense alerting device [ADAD] evaluation 1			+1,500
Environmental quality and logistics advanced tech-			
nology	19,970	44,970	+25,000
Smart base			+25,000
ASW systems development	19,473	21,973	+2,500
Shallow water sonobuoy			+2,500
Marine Corps assault vehicles	40,106	60,106	+20,000
Advanced amphibious assault vehicle [AAAV]			+ 20,000
Acoustic search sensors	12,141	14,641	+ 2,500
Shallow water sonobuoy		100.070	+ 2,500
Aegis combat system engineering	89,279	103,279	+ 14,000
Smart ship initiative			+ 10,000
Aegis test integration facility 1	25.000	100.000	+ 4,000
Arsenal ship	25,000	100,000	+ 75,000
V-22A/risk mitigation	576,792 14,522	596,792 33,522	+ 20,000
Airborne MCM	,	,	$+19,000 \\ +6,000$
Airborne mine detection system competition			+ 13,000
New design SSN	394,000	409,200	+15,000 +15,200
Commercial off-the-shelf [COTS] multipurpose	334,000	403,200	1 13,200
processor [MPP]			+15,200
Consolidated training systems development	34.906	53.406	+18,500
Joint tactical combat training systems [JTCTS]	04,300		+ 9,000
Optical sensors at PMRF 1			+ 5,000
PMRF large area tracking range [LATR] system			. 0,000
upgrade			+4,500
Navy Science Assistance Program	5,067	23,067	+ 18,000
CINC's technology initiative			+ 10,000
Littoral airborne sensor/hyperspectral			,
[LASH] 1			+8,000
Acquisition Center of Excellence		8,000	+ 8,000
•		-,	-,
Joint Service Nonlethal Weapons Technologies Pro-			

 $^{^{-1}}$ Increase reflects Committee recommendations as outlined in the "Program and project funding increases" heading of this report section. 2 Reduction reflects the availability of excess funds, as described in the "Excess funds" heading.

Other helicopter developments.—The Committee provides additional funds in this program element to fund a demonstration of the vertical replenishment [VERTREP] capabilities of the CH–60 helicopter, a variant of Army and Navy UH/SH–60 helicopters, as a replacement for the CH–46 cargo platform. The Committee believes it is premature to begin procurement of the replacement helicopter until results of the CH–60 demonstration are evaluated.

The Committee also understands that the Navy's Atlantic Fleet will evaluate commercial helicopters as a lower cost alternative to replacing CH–46 aircraft meeting the VERTREP requirement from Military Sealift Command ships. The Committee directs the Navy not to enter into a contract to lease such helicopters in fiscal year 1997 until after results of the evaluation have been submitted to Congress.

Vertical take-off and landing [VTOL] tactical UAV.—The Committee continues to support the Navy and Marine Corps operational requirement for a VTOL tactical UAV and has provided an additional \$15,000,000 for flight testing of PUMA, the highest rated VTOL candidate in the recent tactical UAV competition.

[iii thousands of donats]			
	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, NAVY			
BASIC RESEARCH:			
IN-HOUSE INDEPENDENT LABORATORY RESEARCH	15,309	15,309	
DEFENSE RESEARCH SCIENCES	371,904	361,904	-10,000
TOTAL, BASIC RESEARCH	387,213	377,213	-10,000
EXPLORATORY DEVELOPMENT:			
SURFACE/AEROSPACE SURVEILLANCE AND WEAPONS TECHNOLOGY	26,312	35,312	+9,000
SURFACE SHIP TECHNOLOGY	35,591	56,591	+21,000
AIRCRAFT TECHNOLOGY	20,578	20,578	
MARINE CORPS LANDING FORCE TECHNOLOGY	17,093	17,093	
COMMAND, CONTROL, AND COMMUNICATIONS TECHNOLOGY	56,159	56,159	
READINESS, TRAINING, AND ENVIRONMENTAL QUALITY TECHNOL	40,828	40,828	
MATERIALS, ELECTRONICS AND COMPUTER TECHNOLOGY	75,886	88,386	+12,500
ELECTRONIC WARFARE TECHNOLOGY	22,454	22,454	
UNDERSEA SURVEILLANCE WEAPON TECHNOLOGY	49,580	50,080	+ 500
MINE COUNTERMEASURES, MINING AND SPECIAL WARFARE	40,534	48,534	+8,000
OCEANOGRAPHIC AND ATMOSPHERIC TECHNOLOGY	44,559	66,559	+22,000
UNDERSEA WARFARE WEAPONRY TECHNOLOGY	33,891	42,391	+ 8,500
TOTAL, EXPLORATORY DEVELOPMENT	463,465	544,965	+81,500
ADVANCED DEVELOPMENT:			
AIR SYSTEMS AND WEAPONS ADVANCED TECHNOLOGY	29,315	29,315	
PRECISION STRIKE AND AIR DEFENSE	55,560	46,311	-9,249
ADVANCED ELECTRONIC WARFARE TECHNOLOGY	15,085	15,085	
SHIP PROPULSION SYSTEM	28,557	36,557	+8,000
MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	24,212	65,712	+41,500
MEDICAL DEVELOPMENT	37,342	43,842	+6,500
MANPOWER, PERSONNEL AND TRAINING ADV TECH DEV	19,273	19,273	
ENVIRONMENTAL QUALITY AND LOGISTICS ADVANCED TECHNOLOG	19,970	44,970	+25,000
UNDERSEA WARFARE ADVANCED TECHNOLOGY	43,583	34,583	-9,000
SHALLOW WATER MCM DEMOS	42,753	42,753	
ADVANCED TECHNOLOGY TRANSITION	104,424	91,424	-13,000
C3 ADVANCED TECHNOLOGY	29,268	29,268	
TOTAL, ADVANCED DEVELOPMENT	449,342	499,093	+ 49,751

 $117 \\ \hbox{[In thousands of dollars]}$

[in thousands of dollars]			
	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
DEMONSTRATION AND VALIDATION:			
AIR/OCEAN TACTICAL APPLICATIONS	16,519	19,719	+ 3,200
TRAINING SYSTEM AIRCRAFT	2,405	2,405	
AVIATION SURVIVABILITY	6,313	6,313	
ASW SYSTEMS DEVELOPMENT	19,473	21,973	+2,500
TACTICAL AIRBORNE RECONNAISSANCE	24,085	24,085	
ADVANCED COMBAT SYSTEMS TECHNOLOGY	3,858	3,858	
SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	86,995	94,751	+7,756
ADVANCED SUBMARINE COMBAT SYSTEMS DEVELOPMENT	19,149	19,149	
SURFACE SHIP TORPEDO DEFENSE	5,772	5,772	
CARRIER SYSTEMS DEVELOPMENT	12,745	35,745	+23,000
SHIPBOARD SYSTEM COMPONENT DEVELOPMENT	9,948	9,948	
SHIP COMBAT SURVIVABILITYPILOT FISH	5,749	5,749	
	93,910	93,910	
RETRACT JUNIPERRADIOLOGICAL CONTROL	10,398 2,886	10,398 2,886	
SURFACE ASW	3,964	3,964	
ADVANCED SUBMARINE SYSTEM DEVELOPMENT	26,400	46,400	+ 20,000
SUBMARINE TACTICAL WARFARE SYSTEMS	4,578	4,578	
SHIP CONCEPT ADVANCED DESIGN	13,807	13,807	
SHIP PRELIMINARY DESIGN AND FEASIBILITY STUDIES	12,942	12,942	
ADVANCED NUCLEAR POWER SYSTEMS	131,965	131,965	
ADVANCED SURFACE MACHINERY SYSTEMS	59,773	59,773	
CHALK EAGLE	149,679	149,679	
COMBAT SYSTEM INTEGRATION	3,879	3,879	
CONVENTIONAL MUNITIONS	26,490	29,490	+ 3,000
ADVANCED WARHEAD DEVELOPMENT (MK-50)	1,329	1,329	
MARINE CORPS ASSAULT VEHICLES	40,106	60,106	+20,000
MARINE CORPS MINE/COUNTERMEASURES SYSTEMS—ADV DEV	592	592	
MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	44,891	44,891	
JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	4,639	4,639	
FLEET TACTICAL DEVELOPMENT	3,398	3,398	
OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	8,606	8,606	
ENVIRONMENTAL PROTECTION	48,401	48,401	
NAVY ENERGY PROGRAM	3,080	3,080	
FACILITIES IMPROVEMENT	2,239	2,239	
CHALK CORAL	77,675	77,675	
RETRACT MAPLE	83,809	83,809	
LINK PLUMERIA	26,433	41,433	+ 15,000
RETRACT ELM	24,993	30,143	+5,150
SHIP SELF DEFENSE	216,486	216,486	
COMBAT SYSTEMS OCEANOGRAPHIC PERFORMANCE ASSESSMENT	13,650	13,650	
SPECIAL PROCESSES	82,764	92,315	+ 9,551
NATO RESEARCH AND DEVELOPMENT	9,933	9,933	. 10 000
GUN WEAPON SYSTEM TECHNOLOGY	42,204	60,204	+ 18,000
JOINT ADVANCED STRIKE TECHNOLOGY—DEM/VAL	246,833	246,833	
SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE	5,212	5,212	
TOTAL, DEMONSTRATION AND VALIDATION	1,740,955	1,868,112	+ 127,157
ENGINEERING AND MANUFACTURING DEVEL:			
AH-1T COMPOSITE ROTOR BLADE (H)	73.080	73,080	
OTHER HELO DEVELOPMENT	40,132	66,932	+ 26,800
AV-8B AIRCRAFT—ENG DEV	16,874	16,874	T 20,000
STANDARDS DEVELOPMENT	24,698	24,698	
S-3 WEAPON SYSTEM IMPROVEMENT	4,979	4,979	
AIR/OCEAN EQUIPMENT ENGINEERING	5,631	5,631	
P-3 MODERNIZATION PROGRAM	2,074	2,074	
TACTICAL COMMAND SYSTEM	26,989	26,989	
ACOUSTIC SEARCH SENSORS	12,141	14,641	+ 2,500
V-22A	576,792	596,792	+ 20,000
AIR CREW SYSTEMS DEVELOPMENT	11,089	16,089	+5,000
EW DEVELOPMENT	78,748	136,158	+ 57,410

 $118 \\ \hbox{[In thousands of dollars]}$

	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
AEGIS COMBAT SYSTEM ENGINEERING	89,279	103,279	+ 14,000
ARSENAL SHIP	25,000	100,000	+ 75,000
LPD-17 CLASS SYSTEMS INTEGRATION	4,272	4,272	
STANDARD MISSILE IMPROVEMENTS	1,637	1,637	
AIRBORNE MCM	14,522	33,522	+ 19,000
SSN-688 AND TRIDENT MODERNIZATION	61,395	61,395	
AIR CONTROL	10,750	10,750	
ENHANCED MODULAR SIGNAL PROCESSOR	3,718	3,718	
SHIPBOARD AVIATION SYSTEMS	6,571	6,571	
SHIP SURVIVABILITY	6,832	6,832	
COMBAT INFORMATION CENTER CONVERSION	10,280	10,280	
SUBMARINE COMBAT SYSTEM	18,952	18,952	
NEW DESIGN SSN	394,000	409,200	+ 15,200
SSN-21 DEVELOPMENTS	91,931	91,931	,
SUBMARINE TACTICAL WARFARE SYSTEM			
	22,899	22,899	
SHIP CONTRACT DESIGN/ LIVE FIRE T&E	7,221	7,221	
NAVY TACTICAL COMPUTER RESOURCES	5,237	5,237	
MINE DEVELOPMENT	2,505	2,505	
UNGUIDED CONVENTIONAL AIR-LAUNCHED WEAPONS	22,322	22,322	
LIGHTWEIGHT TORPEDO DEVELOPMENT	15,019	15,019	
MARINE CORPS MINE COUNTERMEASURES SYSTEMS—ENG DEV	5,742	5,742	
JOINT DIRECT ATTACK MUNITION	35,130	35,130	
JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	7,346	7,346	
PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	1,013	1,013	
NAVY ENERGY PROGRAM	1,983	1,983	
BATTLE GROUP PASSIVE HORIZON EXTENSION SYSTEM	3,704	3,704	
JOINT STANDOFF WEAPON SYSTEMS	86,266	86,266	
SHIP SELF DEFENSE	134,677	134,677	
MEDICAL DEVELOPMENT	3,148	3,148	
NAVIGATION/ID SYSTEM	46,885	48,885	+2,000
DISTRIBUTED SURVEILLANCE SYSTEM	35,194	35,194	
TOTAL, ENGINEERING AND MANUFACTURING DEVEL	2,048,657	2,285,567	+ 236,910
DT&E MANAGEMENT SUPPORT:			
DIGE INTURGENERY COLL CITY.	23,536	23,536	
THREAT SIMILLATOR DEVELOPMENT			
THREAT SIMULATOR DEVELOPMENT		31 120	
TARGET SYSTEMS DEVELOPMENT	31,120	31,120	
TARGET SYSTEMS DEVELOPMENTMAJOR T&E INVESTMENT	31,120 40,612	40,612	
TARGET SYSTEMS DEVELOPMENT	31,120 40,612 7,174	40,612 7,174	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES	31,120 40,612 7,174 42,251	40,612 7,174 42,251	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT	31,120 40,612 7,174 42,251 2,998	40,612 7,174 42,251 2,998	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES	31,120 40,612 7,174 42,251 2,998 1,725	40,612 7,174 42,251 2,998 1,725	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT	31,120 40,612 7,174 42,251 2,998 1,725 20,905	40,612 7,174 42,251 2,998 1,725 20,905	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059	40,612 7,174 42,251 2,998 1,725 20,905 2,059	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT RDT&E INSTRUMENTATION MODERNIZATION	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT ROT&E SCIENCE AND TECHNOLOGY MANAGEMENT ROT&E INSTRUMENTATION MODERNIZATION ROT&E SHIP AND AIRCRAFT SUPPORT	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT RDT&E INSTRUMENTATION MODERNIZATION RDT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT ROT&E INSTRUMENTATION MODERNIZATION RDT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT OPERATIONAL TEST AND EVALUATION CAPABILITY	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT ROT&E SCIENCE AND TECHNOLOGY MANAGEMENT ROT&E SIRTUMENTATION MODERNIZATION ROT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT TEST AND EVALUATION SUPPORT OPERATIONAL TEST AND EVALUATION CAPABILITY NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT ROT&E INSTRUMENTATION MODERNIZATION RDT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT OPERATIONAL TEST AND EVALUATION CAPABILITY	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT ROT&E SCIENCE AND TECHNOLOGY MANAGEMENT ROT&E SIRTUMENTATION MODERNIZATION ROT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT TEST AND EVALUATION SUPPORT OPERATIONAL TEST AND EVALUATION CAPABILITY NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT ROT&E SCIENCE AND TECHNOLOGY MANAGEMENT ROT&E INSTRUMENTATION MODERNIZATION ROT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT OPERATIONAL TEST AND EVALUATION CAPABILITY NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT SEW SURVEILLANCE/RECONAISSANCE SUPPORT	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT ROT&E INSTRUMENTATION MODERNIZATION RDT&E STEMP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT OPERATIONAL TEST AND EVALUATION CAPABILITY NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT SEW SURVEILLANCE/RECONAISSANCE SUPPORT	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT ROT&E SCIENCE AND TECHNOLOGY MANAGEMENT ROT&E INSTRUMENTATION MODERNIZATION ROT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT OPERATIONAL TEST AND EVALUATION CAPABILITY NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT SEW SURVEILLANCE/RECONAISSANCE SUPPORT MARINE CORPS PROGRAM WIDE SUPPORT TOTAL, ROT&E MANAGEMENT SUPPORT **PERATIONAL SYSTEMS DEVELOPEMENT:	31,120 40,612 7,174 42,251 2,998 1,725 20,905 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT ROT&E SCIENCE AND TECHNOLOGY MANAGEMENT ROT&E INSTRUMENTATION MODERNIZATION ROT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT OPERATIONAL TEST AND EVALUATION CAPABILITY NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT SEW SURVEILLANCE/RECONAISSANCE SUPPORT MARINE CORPS PROGRAM WIDE SUPPORT TOTAL, ROT&E MANAGEMENT SUPPORT **PERATIONAL SYSTEMS DEVELOPEMENT: STRATEGIC SUB AND WEAPONS SYSTEM SUPPORT	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424 558,440	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424 558,440	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT ROT&E INSTRUMENTATION MODERNIZATION RDT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT OPERATIONAL TEST AND EVALUATION CAPABILITY NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT SEW SURVEILLANCE/RECONAISSANCE SUPPORT TOTAL, RDT&E MANAGEMENT SUPPORT TOTAL, ROT&E MANAGEMENT SUPPORT **PERATIONAL SYSTEMS DEVELOPEMENT: STRATEGIC SUB AND WEAPONS SYSTEM SUPPORT SSBN SECURITY TECHNOLOGY PROGRAM	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424 558,440	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424 558,440	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT RDT&E INSTRUMENTATION MODERNIZATION RDT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT TOFERATIONAL TEST AND EVALUATION CAPABILITY NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT SEW SURVEILLANCE/RECONAISSANCE SUPPORT MARINE CORPS PROGRAM WIDE SUPPORT TOTAL, RDT&E MANAGEMENT SUPPORT PERATIONAL SYSTEMS DEVELOPEMENT: STRATEGIC SUB AND WEAPONS SYSTEM SUPPORT SSBN SECURITY TECHNOLOGY PROGRAM SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424 558,440	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 1,986 7,424 558,440	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT ROT&E SCIENCE AND TECHNOLOGY MANAGEMENT ROT&E SIENCE AND TECHNOLOGY MANAGEMENT ROT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT TEST AND EVALUATION SUPPORT OPERATIONAL TEST AND EVALUATION CAPABILITY NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT SEW SURVEILLANCE/RECONAISSANCE SUPPORT MARINE CORPS PROGRAM WIDE SUPPORT TOTAL, ROT&E MANAGEMENT SUPPORT TOTAL, ROT&E MANAGEMENT SUPPORT SSBN SECURITY TECHNOLOGY PROGRAM SUBMARINE ACOUSTIC WARFARE DEVELOPMENT F/A—18 SQUADRONS	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424 558,440	40,612 7,174 42,251 2,998 1,725 20,905 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424 558,440	
TARGET SYSTEMS DEVELOPMENT MAJOR T&E INVESTMENT STUDIES AND ANALYSIS SUPPORT—NAVY CENTER FOR NAVAL ANALYSES FLEET TACTICAL DEVELOPMENT TECHNICAL INFORMATION SERVICES MANAGEMENT, TECHNICAL AND INTERNATIONAL SUPPORT STRATEGIC TECHNICAL SUPPORT RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT RDT&E INSTRUMENTATION MODERNIZATION RDT&E SHIP AND AIRCRAFT SUPPORT TEST AND EVALUATION SUPPORT TOFERATIONAL TEST AND EVALUATION CAPABILITY NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT SEW SURVEILLANCE/RECONAISSANCE SUPPORT MARINE CORPS PROGRAM WIDE SUPPORT TOTAL, RDT&E MANAGEMENT SUPPORT PERATIONAL SYSTEMS DEVELOPEMENT: STRATEGIC SUB AND WEAPONS SYSTEM SUPPORT SSBN SECURITY TECHNOLOGY PROGRAM SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	31,120 40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 5,999 2,868 11,986 7,424 558,440	40,612 7,174 42,251 2,998 1,725 20,905 2,059 58,348 6,196 50,348 242,891 1,986 7,424 558,440	

119

	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
INTEGRATED SURVEILLANCE SYSTEM	14,033	36,133	+ 22,100
AMPHIBIOUS TACTICAL SUPPORT UNITS	1,548	1,548	
CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	34,906	53,406	+18,500
ELECTRONIC WARFARE (EW) READINESS SUPPORT	1,651	1,651	
HARM IMPROVEMENT	3,348	13,348	+10,000
factical data links	37,302	37,302	
SURFACE ASW COMBAT SYSTEM INTEGRATION	4,901	4,901	
MK-48 ADCAP	12,772	12,772	
AVIATION IMPROVEMENTS	53,512	53,512	
NAVY SCIENCE ASSISTANCE PROGRAM	5,067	23,067	+18,000
F—14 UPGRADE	9,879	9,879	
DPERATIONAL NUCLEAR POWER SYSTEMS	55,876	55,876	
MARINE CORPS COMMUNICATIONS SYSTEMS	56,687	56,687	
MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	7,280	7,280	
MARINE CORPS COMBAT SERVICES SUPPORT	5,211	5,211	
FACTICAL AIM MISSILES	58,415	53,925	-4,490
DVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	2,274	2,274	
SATELLITE COMMUNICATIONS (SPACE)	38,257	38,257	
INFORMATION SYSTEMS SECURITY PROGRAM	26,936	26,936	
DEFENSE METEOROLOGICAL SATELLITE PROGRAM (SPACE)	1,195	16,195	+15,000
NAVAL SPACE SURVEILLANCE	706	706	
TACTICAL UNMANNED AERIAL VEHICLE		66,808	+66,808
PREDATOR		6,099	+6,099
ACQUISITION CENTER OF EXCELLENCE		8,000	+8,000
INDUSTRIAL PREPAREDNESS	35,526	88,000	+ 52,474
IOINT SERVICE NON-LETHAL WEAPONS TECHNOLOGIES PROGRAM		15,000	+15,000
CLASSIFIED PROGRAMS	501,598	501,598	
TOTAL, OPERATIONAL SYSTEMS DEVELOPEMENT	1,686,662	1,934,153	+ 247,49
TOTAL, RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, NAVY	7,334,734	8,067,543	+ 732,809

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, AIR FORCE

Appropriations, 1996	\$13,126,567,000
Budget estimate, 1997	14,417,456,000
Committee recommendation	14,778,540,000

The Committee recommends an appropriation of \$14,778,540,000 for the Air Force's research, development, test, and evaluation programs, an increase of \$361,084,000 to the budget request.

The budget activities and programs funded under this appropriation are discussed below.

COMMITTEE RECOMMENDED ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are not supported by firm requirements or out-year development and procurement funds; are premature until related, preliminary efforts are completed, and the results evaluated; are lower priority relative to other projects; are duplicative of other DOD projects; are increasing without a firm justification and out-year transition commitments; or can be deferred without adversely affecting related program developments.

120

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
DOD space architect (space)	15,000	10,601	-4,399
Force DUSD space studies			-3,399 -1.000
Tactical AIM missiles/potential overrun reserve Defense meteorological satellite program (space)/private	36,382	31,892	-4,490
litigation support	17,964	15,664	-2,300
Initial operational test and evaluation	26,921	21,921	-5,000

Excess funds.—The reductions recommended by the Committee in the following table delete funds which are excess to firm program requirements based on delays in the release of prior-year funds; late award of contract efforts; slow execution of prior-year funds; or differences between the budget request and current actual program plans.

[In thousands of dollars]

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Advanced military satellite communication [milsatcom]	21.042	10.540	15 100
(space)	31,643	16,543	-15,100
F-16 squadrons/program execution delays Milstar terminals system (space)/network integrated con-	142,202	132,202	- 10,000
troller	26,962	20,348	-6,614
ellite system	34,024	29,000	-5,024

Program and project funding increases.—The Committee recommends the addition of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/or requested by the Air Force to address budget shortfalls; and to effect funding transfers recommended by the Committee or the Air Force.

[In thousands of dollars]

Item	Item 1997 budget estimate		Change from budget estimate
Materials	72,360	72,360	
Reentry materials development (Note.—The Committee directs that \$1,500,000 of these funds shall be used for the manufacture of carbon/	·	·	
carbon nosetips)			(3,500)
Advanced materials for weapon systems	23,803	23,803	
Infrared suppression materials scale-up process			(3,000)
Advanced weapons technology	41,895	61,895	+20,000
Excimer laser technology			+20,000
Advanced spacecraft technology/Clementine 2	39,637	89,637	+50,000
Nuclear weapons support	4,788	5,788	+1,000
Nuclear Weapons Integration Division			+1,000
Space based infrared architecture (space)—engineering and manufacturing development/transfer from other procurement, Air Force	173,290	199,190	+ 25,900

121 [In thousands of dollars]

Item	1997 budget estimate	Committee recommendation	Change from budget estimate
Intercontinental ballistic missile modernization—engi-			
neering and manufacturing development/safety en- hanced reentry vehicle	198,595	212,295	+ 13,700
Airborne warning and control system [AWACS]/design,			
develop, engineer reengining modifications	57,559	92,459	+34,900
Specialized undergraduate pilot training	84,291	79,260	- 5,031
Joint primary aircraft training system (excess funds) ¹			- 9,231
T-38 avionics upgrade program (funds short-			. 4 200
fall)		1 400	+ 4,200 + 1,400
Variable stability in-flight simulator test aircraft		1,400	,
Advanced sensor development		66,367	+ 66,367
Advanced technology and sensors		17,523	+ 17,523
Common data link		22,931	+ 22,931
U–2		28,918	+ 28,918
Common imagery ground surface system		55,280	+ 55,280
Airborne reconnaissance ground station		2,419	+ 2,419
Distributed common ground station		5,116	+ 5,116
Threat simulator development Emitter modernization at the Air Force Develop-	43,635	47,435	+ 3,800
ment Test Center			+9,000
Real time electromagnetic digitally controlled an-			
alyzer and processor [REDCAP] operation			+1,600
Option C			+ 2,200
Option E			+6,000
Electronic combat integrated test [ECIT] 2			-15,000
USAF wargaming and simulation Joint Modeling and Simulation Integration Pro-	19,361	26,861	+ 7,500
gram			+7,500
Air traffic control, approach, and landing system			
[ATCALS]	3,870	8,870	+5,000
Precision landing systems receiver [PLSR]			+5,000
Theater missile defensesUH—1N simulator for the Theater Air Command	22,285	34,285	+ 12,000
and control simulation facility [TACCSF]			+9,000
TACCSF advanced distributed simulation connec-			
tion			+3,000
Spacetrack [SPACE]	18,867	33,867	+15,000
Advanced electro-optical systems [AEOS] (Note.— The Committee directs that \$1,700,000 of the			
increase shall be available to continue devel-		21 000	. 0 500
opment of the AEOS spectrograph)		21,900	+ 8,500
Air Force Maui Optical Station [AMOS]			+ 6,500
Cobra ball		+ 5,000	+ 5,000
FLD advanced airborne sensor	40.000		+ 5,000
Industrial preparedness	49,969	69,969	+ 20,000
Program increase			+11,400
Spare parts production and reprocurement sup- port system [SPARES]			+ 5,400
Hazardous materials procurement actions tracking system [HazMat PATS]			+ 3,200

¹ Program adjustment recommended as described under the heading "Excess funds". ² Program reduction recommended as described under the heading "Program reductions and deferrals."

Program transfer.—The Committee recommends the following transfer to realign funds in the proper spending category in the defense budget.

[In thousands of dollars]

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
F-22 engineering and manufacturing development/funds for preproduction aircraft transferred back to procurement	2,002,959	1,921,621	- 81,338

Authorization adjustments.—The Committee recommends the following adjustments based on the recommendations reported in the Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1997:

[In thousands of dollars]

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
Defense research sciences	234,475	226,475	-8,000
Program reduction			-8,000
National Solar Observatory			(650)
Phillips Lab exploratory development		135,607	+14,500
High Frequency Active Auroral Research Pro-	,	,	,
gram			+7,500
Integrated high payoff rocket propulsion tech-			,
nology 1			+7,000
Space based infrared architecture (space) demonstra-			•
tion/validation	120,151	254,151	+134,000
B-1B	220,932	229,232	+8,300
Defensive systems upgrade program			+10,000
Data links			+13,000
Funds excess to known financial require-			,
ments ²			-14,700
Milstar LDR/MDR satellite communications (space)/			
automated communications management system	700,278	720,278	+20,000
Sensor fused weapons		19,100	+19,100
NAVSTAR global positioning system (user equipment)			
(space)	32,450	37,450	+5,000
Combat training ranges	23,018	28,018	+5,000
Joint tactical combat training system [JTCTS]			+5,000
Rocket systems launch program (space)	8,152	33,252	+25,100
Theater battle management [TBM] C4I	30,915	35,915	+5,000
Theater battle management core systems			
[TBMCS]			+5,000
Productivity, Reliability, Availability, Maintainability Pro-			
gram	13,564	18,064	+4,500
Blade Repair Program modeling			+4,500

¹Increase reflects Committee recommendations as outlined in the "Program and project funding increases" heading of this report section.

Advanced materials for weapon systems.—The Committee directs the Department of Defense to release the funds appropriated in the Department of Defense Appropriations Act, 1996, for metal fatigue monitoring technology.

² Program adjustment recommended as described under the heading "Excess funds".

Advanced weapons technology.—The Committee increases funds for the advanced excimer laser programs. Of the funds added, the Committee directs that \$10,000,000 shall be made available only for the laser induced microwave emissions [LIME] program and \$10,000,000 shall be made available only for the high resolution imaging program for space object identification. Technology evaluation and testing for these programs should be performed, where possible and cost-effective, using resources at the Army's High En-

ergy Laser Test Facility at the White Sands Missile Range.

Evolved expendable launch vehicle [EELV] program (space).—The Committee recommends \$74,457,000, which represents an increase of \$30,000,000 to the budget request to enhance funding for the preengineering and manufacturing development phase of this program to develop a new family of medium-lift and heavy-lift space boosters. The Committee also directs that use of the Centaur Processing Facility [CPF] at Cape Canaveral Air Force Station be included in the baseline specifications and requirements for development of the EELV family of space boosters. The CPF already has cost \$59,400,000 to construct and equip, although the Air Force has decided not to use it due to a reduction in planned launches. The Committee believes that using CPF for the evolved space booster program should reduce program costs and return some of the tax-payers' investment.

Life support systems.—The Committee recommends \$9,363,000, which represents an increase of \$5,000,000 to the budget request for this program element. The increase is provided for dye-based and dielectric coated aircrew visors for laser eye protection. Of the funds provided, the Committee directs that \$2,500,000 shall be made available only for completion of dielectric technology demonstration validation tests to ensure the maximum utilization of dye-based, dielectric, and dye/dielectric technologies complementing

each other.

Trusted Rubix.—The Air Force may obligate up to \$1,500,000

from within available funds for this program.

Cobra ball.—The Committee directs that the additional funds are only available to conduct design studies, analyses, and other efforts associated with determining the feasibility of downsizing the current field laser radar demonstration [FLD] for possible future installation on a cobra ball or other airborne platforms.

[In thousands of dollars]

	1997 budget	Senate	Senate com- pared to budg-
	estimate	allowance	et estimate
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, AIR FORCE			
BASIC RESEARCH: DEFENSE RESEARCH SCIENCES	234,475	226,475	- 8,000
TOTAL, BASIC RESEARCH	234,475	226,475	- 8,000
EXPLORATORY DEVELOPMENT:			
MATERIALS	72,360	72,360	
AEROSPACE FLIGHT DYNAMICS	65,080	65,080	
ARMSTRONG LAB EXPLORATORY DEVELOPMENT	87,103	87,103	
AEROSPACE PROPULSION	74,906	74,906	
AEROSPACE AVIONICS	71,261	71,261	
HYPERSONIC TECHNOLOGY PROGRAM	7,471	7,471	
PHILLIPS LAB EXPLORATORY DEVELOPMENT	121,107	135,607	+14,500

124
[In thousands of dollars]

[In thousands of dollars]			
	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
CONVENTIONAL MUNITIONS	42,573	42,573	
COMMAND CONTROL AND COMMUNICATIONS	96,615	96,615	
TOTAL, EXPLORATORY DEVELOPMENT	638,476	652,976	+ 14,500
ADVANCED DEVELOPMENT:			
LOGISTICS SYSTEMS TECHNOLOGY	18,254	18,254	
INTEGRATED DATA SYSTEMS	18,232	18,232	
ADVANCED MATERIALS FOR WEAPON SYSTEMS	23,803	23,803	
AEROSPACE PROPULSION SUBSYSTEMS INTEGRATION	28,318	28,318	
ADVANCED AVIONICS FOR AEROSPACE VEHICLES	28,691	28,691	
FLIGHT VEHICLE TECHNOLOGY	8,433	8,433	
AEROSPACE STRUCTURES	10,423	10,423	
AEROSPACE PROPULSION AND POWER TECHNOLOGY	38,264	38,264	
PERSONNEL, TRAINING AND SIMULATION TECHNOLOGY	7,761	7,761	
CREW SYSTEMS AND PERSONNEL PROTECTION TECHNOLOGY	17,969	17,969	
GLOBAL SURVEILLANCE AND COMMUNICATION TECHNOLOGY	2,293	2,293	
FLIGHT VEHICLE TECHNOLOGY INTEGRATION	6,423	6,423	
ADVANCED AVIONICS INTEGRATION	15,488	15,488	
ELECTRONIC COMBAT TECHNOLOGY	25,202	25,202	
SPACE AND MISSILE ROCKET PROPULSION	15,740	15,740	
BALLISTIC MISSILE TECHNOLOGY	2,828	2,828	
ADVANCED SPACECRAFT TECHNOLOGY	39,637	89,637	+50,000
SPACE SYSTEMS ENVIRONMENTAL INTERACTIONS TECHNOLOGY	2,914	2,914	
CONVENTIONAL WEAPONS TECHNOLOGY	24,885	24,885	
ADVANCED WEAPONS TECHNOLOGY	41,895	61,895	+20,000
WEATHER SYSTEMS TECHNOLOGY	3,406	3,406	
ENVIRONMENTAL ENGINEERING TECHNOLOGY	7,885	7,885	
C ³ I SUBSYSTEM INTEGRATION	8,777	8,777	
ADVANCED COMPUTING TECHNOLOGY	8,509	8,509	
C3 ADVANCED DEVELOPMENT	10,895	10,895	
COMBAT SURVIVOR EVADER LOCATOR	9,596	9,596	
TOTAL, ADVANCED DEVELOPMENT	426,521	496,521	+70,000
DEMONSTRATION AND VALIDATION:			
INTELLIGENCE ADVANCED DEVELOPMENT	4,878	4,878	
AIRBORNE LASER TECHNOLOGY	56,828	56,828	
ADVANCED MILSATCOM (SPACE)	31,643	16,543	-15,100
POLAR ADJUNCT (SPACE)	62,387	62,387	
NATIONAL POLAR-ORBITING OPERATIONAL ENVIRONMENTAL SATE	34,024	29,000	- 5,024
SPACE BASED INFRARED ARCHITECTURE (SPACE)—DEM/VAL	120,151	254,151	+134,000
COMMAND, CONTROL, AND COMMUNICATION APPLICATIONS	4,378	4,378	
COMBAT IDENTIFICATION TECHNOLOGY	4,225	4,225	
NATO RESEARCH AND DEVELOPMENT (H)	10,233	10,233	
JOINT ADVANCED STRIKE TECHNOLOGY—DEM/VAL	263,836	263,836	
INTERCONTINENTAL DALLICTIC MICCUE DEMAZAL	20 044		
INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL	30,644	30,644	
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM	44,457	74,457	+30,000
	,	74,457 45,000	+ 30,000
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM GLOBAL BROADCAST SERVICE	44,457 45,000	74,457	+ 30,000
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM GLOBAL BROADCAST SERVICE	44,457 45,000 15,000	74,457 45,000 10,601	+ 30,000
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM GLOBAL BROADCAST SERVICE SPACE ARCHITECT OFFICE TOTAL, DEMONSTRATION AND VALIDATION ENGINEERING AND MANUFACTURING DEVEL:	44,457 45,000 15,000 727,684	74,457 45,000 10,601 867,161	+ 30,000 - 4,399 + 139,477
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM GLOBAL BROADCAST SERVICE	44,457 45,000 15,000 727,684	74,457 45,000 10,601 867,161	+ 30,000 - 4,399 + 139,477
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM GLOBAL BROADCAST SERVICE	44,457 45,000 15,000 727,684 18,620 705	74,457 45,000 10,601 867,161 18,620 705	+ 30,000 - 4,399 + 139,477
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM GLOBAL BROADCAST SERVICE SPACE ARCHITECT OFFICE TOTAL, DEMONSTRATION AND VALIDATION ENGINEERING AND MANUFACTURING DEVEL: AIRCRAFT AVIONICS EQUIPMENT DEVELOPMENT ENGINE MODEL DERIVATIVE PROGRAM (EMDP) NUCLEAR WEAPONS SUPPORT	44,457 45,000 15,000 727,684 18,620 705 4,788	74,457 45,000 10,601 867,161 18,620 705 5,788	+ 30,000 - 4,399 + 139,477
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM GLOBAL BROADCAST SERVICE SPACE ARCHITECT OFFICE TOTAL, DEMONSTRATION AND VALIDATION ENGINEERING AND MANUFACTURING DEVEL: AIRCRAFT AVIONICS EQUIPMENT DEVELOPMENT ENGINE MODEL DERIVATIVE PROGRAM (EMDP) NUCLEAR WEAPONS SUPPORT B—1B	44,457 45,000 15,000 727,684 18,620 705 4,788 220,932	74,457 45,000 10,601 867,161 18,620 705 5,788 229,232	+ 30,000 - 4,399 + 139,477 + 1,000 + 8,300
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM GLOBAL BROADCAST SERVICE SPACE ARCHITECT OFFICE TOTAL, DEMONSTRATION AND VALIDATION ENGINEERING AND MANUFACTURING DEVEL: AIRCRAFT AVIONICS EQUIPMENT DEVELOPMENT ENGINE MODEL DERIVATIVE PROGRAM (EMDP) NUCLEAR WEAPONS SUPPORT B—1B TRAINING SYSTEMS DEVELOPMENT	44,457 45,000 15,000 727,684 18,620 705 4,788 220,932 4,439	74,457 45,000 10,601 867,161 18,620 705 5,788 229,232 4,439	+ 30,000 - 4,399 + 139,477 + 1,000 + 8,300
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM GLOBAL BROADCAST SERVICE SPACE ARCHITECT OFFICE TOTAL, DEMONSTRATION AND VALIDATION ENGINEERING AND MANUFACTURING DEVEL: AIRCRAFT AVIONICS EQUIPMENT DEVELOPMENT ENGINE MODEL DERIVATIVE PROGRAM (EMDP) NUCLEAR WEAPONS SUPPORT B—1B TRAINING SYSTEMS DEVELOPMENT SPECIALIZED UNDERGRADUATE PILOT TRAINING	18,620 705 4,788 220,932 4,439 84,291	74,457 45,000 10,601 867,161 18,620 705 5,788 229,232 4,439 79,260	+ 30,000 - 4,399 + 139,477 + 1,000 + 8,300 - 5,031
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM GLOBAL BROADCAST SERVICE	44,457 45,000 15,000 727,684 18,620 705 4,788 220,932 4,439 84,291	74,457 45,000 10,601 867,161 18,620 705 5,788 229,232 4,439 79,260 1,400	+ 30,000 - 4,399 + 139,477 + 1,000 + 8,300 - 5,031 + 1,400
EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—DEM GLOBAL BROADCAST SERVICE SPACE ARCHITECT OFFICE TOTAL, DEMONSTRATION AND VALIDATION ENGINEERING AND MANUFACTURING DEVEL: AIRCRAFT AVIONICS EQUIPMENT DEVELOPMENT ENGINE MODEL DERIVATIVE PROGRAM (EMDP) NUCLEAR WEAPONS SUPPORT B-1B TRAINING SYSTEMS DEVELOPMENT SPECIALIZED UNDERGRADUATE PILOT TRAINING	18,620 705 4,788 220,932 4,439 84,291	74,457 45,000 10,601 867,161 18,620 705 5,788 229,232 4,439 79,260	+ 30,000

125

[iii tilousanus oi uonars]			
	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
EW DEVELOPMENT	104,423	104,423	
COMBAT INTELLIGENCE SYSTEM -EMD	1,943	1,943	
SPACE BASED INFRARED ARCHITECTURE (SPACE)—EMD	173,290	199,190	+ 25,900
MILSTAR LDR/MDR SATELLITE COMMUNICATIONS (SPACE)	700,278	720,278	+ 20,000
GLOBAL POSITIONING SYSTEM BLOCK IIF (SPACE)			
	37,142	37,142	
MUNITIONS DISPENSER DEVELOPMENT	56,229	56,229	
ARMAMENT/ORDNANCE DEVELOPMENT	3,642	3,642	
SUBMUNITIONS	4,873	4,873	
AIR BASE OPERABILITY	2,926	2,926	
JOINT DIRECT ATTACK MUNITION	38,636	38,636	
AEROMEDICAL/CHEMICAL DEFENSE SYSTEMS	5,977	5,977	
LIFE SUPPORT SYSTEMS	4,363	9,363	+5,000
CIVIL, FIRE, ENVIRONMENTAL, SHELTER ENGINEERING	2,736	2,736	
SYSTEMS SURVIVABILITY (NUCLEAR EFFECTS)	36	36	
JOINT STANDOFF WEAPONS SYSTEMS	23,563	23,563	
COMBAT TRAINING RANGES	23,018	28,018	+5,000
COMPUTER RESOURCE TECHNOLOGY TRANSITION (CRTT)	1,956	1,956	
INTELLIGENCE EQUIPMENT	1,211	1,211	
JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	11,075	11,075	
	207,284	207,284	
JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM (JSTARS)		,	
JOINT INTEROPERABILITY OF TACTICAL COMMAND AND CONTROL S	5,976	5,976	. 10 700
INTERCONTINENTAL BALLISTIC MISSILE—EMD	198,595	212,295	+ 13,700
JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	198,632	198,632	
TOTAL, ENGINEERING AND MANUFACTURING DEVEL	4,677,932	4,671,863	- 6,069
RDT&E MANAGEMENT SUPPORT:			
SPACE TEST PROGRAM (SPACE)	44,752	44,752	
THREAT SIMULATOR DEVELOPMENT	43,635	47,435	+ 3,800
TARGET SYSTEMS DEVELOPMENT	4,966	4,966	
MAJOR T&E INVESTMENT	33,529	33,529	
	23.292		
RAND PROJECT AIR FORCE	.,	23,292	
RANCH HAND II EPIDEMIOLOGY STUDY	9,212	9,212	
THEATER AIR DEFENSE BMC ⁴ I	12,496	12,496	
INITIAL OPERATIONAL TEST AND EVALUATION	26,921	21,921	-5,000
TEST AND EVALUATION SUPPORT	425,195	425,195	
DEVELOPMENT PLANNING	6,531	6,531	
ENVIRONMENTAL CONSERVATION	10,870	10,870	
POLLUTION PREVENTION	20,628	20,628	
ENVIRONMENTAL COMPLIANCE	22,698	22,698	
ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	8,152	33,252	+25,100
BASE OPERATIONS—RDT&E	128,676	128,676	
TOTAL, RDT&E MANAGEMENT SUPPORT	821,553	845,453	+ 23,900
ODEDATIONAL EVETEME DEVELOPEMENT			
OPERATIONAL SYSTEMS DEVELOPEMENT:	11.005	11.005	
B-52 SQUADRONS	11,035	11,035	
ADVANCED CRUISE MISSILE	1,165	1,165	
JOINT SURVEILLANCE SYSTEM	13,239	13,239	
NORTH ATLANTIC DEFENSE SYSTEM	5,278	5,278	
F-16 SQUADRONS	142,202	132,202	-10,000
F-15E SQUADRONS	143,095	143,095	
MANNED DESTRUCTIVE SUPPRESSION	12,384	12,384	
F-117A SQUADRONS	12,050	12,050	
TACTICAL AIM MISSILES	36,382	31,892	- 4.490
ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	25,883	25,883	
PODDED RECONNAISSANCE SYSTEM	6,714	6,714	
AF TENCAP	20,116	20,116	10 200
SPECIAL EVALUATION PROGRAM	53,495	37,195	-16,300
AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	99,050	99,050	
SENSOR FUSED WEAPONS		19,100	+19,100
THEATER AIR CONTROL SYSTEMS	622	622	. 24 000
AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	57,559	92,459	+34,900

126

	1007 hudget	Sonoto	Senate com-
	1997 budget estimate	Senate allowance	pared to budg- et estimate
TACTICAL AIRBORNE COMMAND AND CONTROL SYSTEMS	342	342	
ADVANCED COMMUNICATIONS SYSTEMS	1,822	1,822	
EVALUATION AND ANALYSIS PROGRAM	85,521	85,521	
COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	7,749	7,749	
ADVANCED PROGRAM TECHNOLOGY	72,501	69,501	-3,000
THEATER BATTLE MANAGEMENT (TBM) C41	30,915	35,915	+5,000
SEEK EAGLE	15,469	15,469	
DVANCED PROGRAM EVALUATION	198,327 19.361	190,327	- 8,000
JSAF WARGAMING AND SIMULATION	18,500	26,861 18,500	+ 7,500
HEATER MISSILE DEFENSES	22,285	34,285	+ 12,000
TECHNICAL EVALUATION SYSTEM	114,603	102,603	- 12,000 - 12,000
PECIAL EVALUATION SYSTEM	41,776	41,776	12,000
PEFENSE SATELLITE COMMUNICATIONS SYSTEM (SPACE)	24,527	24,527	
MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (ME	21,902	21,902	
NFORMATION SYSTEMS SECURITY PROGRAM	6,900	6,900	
ELECTROMAGNETIC COMPATIBILITY ANALYSIS CENTER (ECAC)	7,667	7,667	
VORLD-WIDE MILITARY COMMAND AND CONTROL SYSTEMS, INFOR	7,481	7,481	
MILSTAR SATELLITE COMMUNICATIONS SYSTEM (SPACE)	26,962	20,348	-6,614
SELECTED ACTIVITIES	3,000	3,000	
SATELLITE CONTROL NETWORK (SPACE)	89,960	89,960	
VEATHER SERVICE	5,126	5,126	
AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM (ATC	3,870	8,870	+5,000
MEDIUM LAUNCH VEHICLES (SPACE)	13,368	13,368	
SECURITY AND INVESTIGATIVE ACTIVITIES	289	289	
IATIONAL AIRSPACE SYSTEM (NAS) PLAN	12,614	12,614	
JPPER STAGE SPACE VEHICLES (SPACE)	3,154	3,154	
TITAN SPACE LAUNCH VEHICLES (SPACE)	105,472	105,472	
ARMS CONTROL IMPLEMENTATION	26,786	26,786	
CONSTANT SOURCE	2,914	2,914	2 200
DEFENSE METEOROLOGICAL SATELLITE PROGRAM (SPACE)	17,964 32,450	15,664	- 2,300
AVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SP	42,243	37,450 42,243	+ 5,000
ASTERN SPACE LAUNCH FACILITY (ESLF) (SPACE)	35,704	35,704	
NCMC—TW/AA SYSTEM	31,692	31,692	
SPACETRACK (SPACE)	18,867	33,867	+ 15,000
PEFENSE SUPPORT PROGRAM (SPACE)	29.397	29,397	
NUDET DETECTION SYSTEM (SPACE)	13,623	13,623	
NFORMATION MANAGEMENT-AUTOMATION-PROGRAM 3	15,193	15,193	
C-5 AIRLIFT SQUADRONS	1,153	1,153	
C-17 AIRCRAFT	87,486	87,486	
AIR CARGO MATERIAL HANDLING (463-L) (NON-IF)	3,212	3,212	
(C-135S	757	757	
AEROSPACE RESCUE AND RECOVERY	3,322	3,322	
DEPOT MAINTENANCE (NON-IF)	1,444	1,444	
NDUSTRIAL PREPAREDNESS	49,969	69,969	+ 20,000
PRODUCTIVITY, RELIABILITY, AVAILABILITY, MAINTAIN. PRO	13,564	18,064	+4,500
SUPPORT SYSTEMS DEVELOPMENT	5,405	5,405	
CRYPTOLOGIC/SIGINT-RELATED SKILL TRAINING	1,887	1,887	
CIVILIAN COMPENSATION PROGRAM	5,917	5,917	
NTERNATIONAL ACTIVITIES	3,633	3,633	
AIRBORNE RECONNAISSANCE GROUND STATION	,	2,419	+ 2,419
DISTRIBUTED COMMON GROUND STATION		5,116	+ 5,116
ADVANCED SENSOR DEVELOPMENT		66,367	+ 66,367
ADVANCED SENSON DEVELORMENT		17,523	+ 17,523
			,
COMMON DATA LINK		22,931	+ 22,931
U–2		28,918	+ 28,918
COMMON IMAGERY GROUND SURFACE SYSTEM		55,280	+ 55,280
CLASSIFIED PROGRAMS	4,844,501	4,702,927	− 141,574
COBRA BALL (FLD)			

	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
TOTAL, OPERATIONAL SYSTEMS DEVELOPEMENT	6,890,815	7,018,091	+ 127,276
TOTAL, RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, AIR FORCE	14,417,456	14,778,540	+ 361,084

RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, DEFENSE-WIDE

Appropriations, 1996	\$9,461,057,000
Budget estimate, 1997	8,398,836,000
Committee recommendation	9,190,092,000

The Committee recommends an appropriation of \$9,190,092,000 for defense-wide research, development, test, and evaluation programs, an increase of \$791,256,000 to the budget request.

The budget activities and programs funded under this appropriation are discussed below.

COMMITTEE RECOMMENDED ADJUSTMENTS

University research initiatives.—The Committee recommends \$223,235,000, an increase of \$14,000,000 to the budget request. Of the additional funds provided, \$1,000,000 is provided only for cold climate energy generating/conserving technologies development. These funds shall be used to develop energy-related technologies configured specifically to extremely cold environments, such as active solar panels and passive solar design.

The Committee further directs that \$20,000,000 shall be made available only to continue the Defense Experimental Program to Stimulate Competitive Research [DEPSCoR]. The Committee has provided funds for this program in previous years and endorses this ongoing effort.

The Committee also urges the Department of Defense to accommodate the funding levels recommended in the Senate-reported DOD authorization bill for continuation of the United States-Japan Management Training Program.

Furthermore, the Committee directs that the Department of Defense shall ensure that tribal colleges are specifically included in all program solicitations for which these institutions are eligible and are encouraged to participate. The Committee also directs that DOD work with other Federal agencies in supporting the Tribal College Executive Order Office, to include financial support or detail of staff

University research programs.—The Committee expects the Department of Defense to ensure that institutions of higher learning serving native Americans and Native Alaskans have full and complete access to competitive university awards made under programs for which these institutions are qualified. The Committee directs that the Director of Defense Research and Engineering prepare a report for the Committees on Appropriations on initiatives to broaden participation of these institutions in education, training, research, and infrastructure enhancement programs of the Defense Department.

The Committee further understands that some research and training programs supported by the Department might benefit from the skills inherent in not-for-profit, independent research institutes. The Committee recommends the Department consider opening eligibility to research institutes for such programs.

Computing systems and communications technology.—The Committee directs that \$7,000,000 shall be made available to evaluate

a multithread architecture experimental computer.

The Committee further directs that the Defense Advanced Research Projects Agency [DARPA] continue the Reuse Technology Adoption Program [RTAP] from within available budget resources.

The Department of Defense has made a significant investment in developing the capability of the asset source for software engineering technology [ASSET]. ASSET's ability to distribute digital products over the internet can be used by DOD agencies and programs to reduce costs and improve productivity. The Committee encourages the Defense Advanced Research Projects Agency [DARPA], the Defense Modeling and Simulation Organization [DMSO], and the Defense Technical Information Center [DTIC] to use ASSET to meet their needs.

Center for Advanced Micro Devices.—The Committee directs that the Department of Defense designate the Center for Advanced Micro Devices [CAMD] as a national center for excellence in x-ray based microfabrication.

Explosives demilitarization technology.—The Committee is pleased that the Departments of Defense and Energy have begun the underground contained burn project to demonstrate the use of tunnels at the Nevada test site for disposal of rocket motors, other high explosives, and conventional ammunition. The Committee recommends \$15,000,000 for the optimization of the underground contained burn project and the demonstration and validation of other innovative demilitarization technologies.

Tactical technology.—The Committee endorses the successful projects completed under the Center of Excellence for Research in Ocean Sciences. The Committee believes DARPA should use cooperative agreements or other agreements authority in executing this program to enhance transition possibilities, to expand cooperation with other agencies, and to draw on DARPA's expertise and experience

Counterproliferation support.—The Committee expresses its support for the wide area tracking system [WATS], now being developed by the Lawrence Livermore National Laboratory. This network of detectors can be deployed around critical sites and entry points. WATS may be able to enhance U.S. nuclear search capabilities, contributing to our ability to prevent terrorism involving nuclear/radiological weapons and devices.

DOD/Veterans Administration cooperative research.—In providing an appropriation of \$25,000,000 for research under the DOD/Veterans Administration Cooperative Research Program, the Committee urges DOD and the Veterans Administration to cooperate in determining agreeable areas of research to be supported by this program. The Committee urges both DOD and the Veterans Administration to move expeditiously to identify projects in the des-

ignated areas and to make effective use of the full amount provided without reduction.

High Performance Computing Modernization Program.—The Committee recommends \$124,880,000, an increase of \$25,000,000 to the budget request amount for the Department of Defense [DOD] High Performance Computing Modernization Program. The Committee directs that the increase of \$25,000,000 to this program element shall only be available to establish a new project which will allow DOD to pay the operation and sustainment costs for supercomputers which were purchased with DOD funds and are located at sites other than existing military bases. These supercomputers can play an integral role in helping DOD to meet its supercomputing capability and capacity requirements. The Committee directs the Under Secretary of Defense for Acquisition and Technology to provide a plan for the allocation and obligation of these funds no later than December 15, 1996.

The Committee is concerned that the Department's High Performance Computing Modernization [HPCM] Office is not devoting sufficient high performance computing [HPC] funds toward the operations or sustainment of existing systems. As a comparison, in fiscal year 1996, the Department devoted approximately 50 percent of its total funds to RDT&E while the National Science Foundation devoted 61 percent to operations. The lack of RDT&E funding can curtail important software efforts that allow full and immediate utilization of HPCM hardware by Department users. In addition, this lack of RDT&E funding reduces network services that allow Department science and engineering users to have access to its HPC centers; reduces systems integration; reduces user support and sustainment of the major shared resources centers; and reduces cross service collaboration and cooperation.

Advanced Sensor Applications Program.—The Committee has provided \$10,000,000 for a competitive flyoff of systems for performing selected nonacoustic antisubmarine warfare missions. The Committee directs that any and all other concepts be given an opportunity to participate in this competition. In particular, the Committee is aware of a system which should be included in this competition and takes advantage of the collection and processing of hyperspectral data. The Committee further directs that a variety of

specific test scenarios be utilized under this competition.

Environmental Security Technology Certification Program.—The Committee is aware of a Defense Department request which would permit this program to use cooperative agreements in demonstrating, validating, and certifying environmental technologies. The agreements, signed with State and local government agencies, would allow DOD to reduce the number and variety of locations required to demonstrate environmental technologies in order to obtain regulatory approval and certification. The Committee endorses this proposal.

Target identification technology.—The Committee notes the importance of ongoing efforts by the Department of Defense to develop reliable noncooperative target identification [NCTI] systems that will reduce the incidents of fratricide and improve overall targeting capabilities. The Committee is aware of the development of commercial off-the-shelf [COTS] technology in this field and encourages the Department to make increasing use of these systems.

Defense reconnaissance support activities.—The Committee approves an increase of \$26,800,000 for the Defense Support Project Office to initiate a program applying DOD satellite capabilities to support civil needs. The Committee applauds this effort to use DOD assets to serve the Nation by detecting forest fires and volcanic activity at the earliest possible stages. The recent, tragic losses caused by forest fires in Alaska and New Mexico highlight the critical need for this effort. The Committee believes this program can help minimize the loss of lives and property while also reducing the enormous financial cost of responding to these disasters. The Committee directs that these funds shall only be available to the Office of the Deputy Under Secretary of Defense (space) to complete architecture design, algorithm development, concept of operations definition, and other tasks to support this program.

The Committee also recommends an increase of \$8,000,000 in this program element to support continuing efforts of the Pacific Disaster Center [PDC]. The PDC is supporting disaster monitoring and warning efforts throughout the Pacific and is prepared to proceed with modeling efforts on disaster prediction and planning.

Ballistic missile defense organization [BMDO].—The Committee has provided \$3,390,082,000 for research, development, test and evaluation [RDT&E] efforts on national and theater ballistic missile defense systems and technologies. This appropriation represents an overall increase of \$855,900,000 to the Ballistic Missile Defense Organization [BMDO] RDT&E budget request. The Committee has also approved the budget request amount for procurement of missile defense systems, \$263,173,000, in the "Procurement, defense-wide" account. Thus, the total appropriation for ballistic missile defense programs in this bill is \$3,654,659,000, the amount approved in the Senate reported bill authorizing DOD programs for fiscal year 1997. The Committee has made a number of adjustments to individual RDT&E accounts.

[In thousands of dollars]

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
Support technologies/follow-on technologies:			
Applied research	94,023	104,023	+10,000
Advanced technology development	132,319	272,319	+140,000
Theater high-altitude area defense system—TMD—			
demonstration/validation	269,000	304,000	+35,000
Navy upper tier TMD—demonstration/validation	58,171	304,171	+246,000
CORPS surface-to-air missile—TMD—demonstration/			
validation	56,232	45,432	-10,800
Boost phase intercept		24,300	+24,300
National missile defense—demonstration/validation	508,437	808,437	+300,000
Joint theater missile defense—demonstration/valida-			
tion	520,111	526,511	+6,400
ARROW deployability project	31,300	35,000	+3,700
TMD existing system modifications—EAGLE			-19,766
United States-Israel boost phase intercept			-9,300
Advanced Research Center		15,000	+7,000

[In thousands of dollars]

Item	1997 budget estimate	Committee recommendation	Change from budget estimate
Cooperative engagement capability integration			
with TMD core systems			+5,000
Airborne sensors for ballistic missile tracking			+19,766
Kauai test facility at PMRF			(5,000)
Theater high-altitude area defense system—TMD—			
EMD	212,798	317,798	+105,000
	,	,	,

Support technologies/follow-on technologies—applied research and advanced technology development.—The Committee recommendation for these two program elements includes an increase of \$150,000,000. The Committee supports the efforts of the Director of BMDO to remedy the underfunding of BMDO's advanced technology issues. The Committee urges BMDO to achieve the dedication of approximately 12 percent of its funds to advanced technology efforts.

The Committee has included \$10,000,000 for a wide bandgap electronics program in the applied research program element. This program will target development of gallium nitride and silicon carbide as semiconductors and will be affiliated with an academic institution, as described in the Senate reported DOD authorization bill.

Of the additional advanced technology development funds, an increase of \$40,000,000 is recommended to continue the Atmospheric Interceptor Technology [AIT] Program, providing a total of \$47,442,000. AIT is designed to develop and flight test the advanced kill vehicle lightweight technologies necessary for future hypersonic hit-to-kill interceptors, and to provide technology insertion, preplanned product improvement [P³I] and reduced life cycle costs for BMDO core programs.

The Committee recommended increase also includes \$20,000,000 only to continue efforts under the Russian-American Observational Satellite [RAMOS] Program.

Finally, the remaining additional funds are provided to address priority shortfalls in advanced technology as well as key investment opportunities. A number of investment opportunities were highlighted by the Director of BMDO during testimony before the Committee. The Committee believes the following activities should be considered when allocating the additional increase amount: sensor and seeker component programs; interceptor component programs; photon laser spacecraft; directed energy concepts; phenomenological research; space-based laser [SBL] program; and battle management and command, control, and communications [BMC³] components.

Sensors (active and passive).—The Committee understands that the midcourse space experiment [MSX] may provide valuable data for use in designing theater and national missile defense systems. The Committee strongly urges BMDO to fully fund the operation of MSX, including data analysis efforts, during fiscal year 1997.

Joint theater missile defense—demonstration/validation.—The Committee notes that the budget request for this program element includes \$19,766,000 for development of the extended airborne

global launch evaluator [EAGLE]. EAGLE is intended to provide a theater ballistic missile [TBM] detection capability for the airborne warning and control system [AWACS]. Budget documents indicate that over \$55,000,000 will be spent demonstrating the EAGLE concept in preparation for an engineering and manufacturing development [EMD] program.

The Committee is also aware of a proposal to transfer Cobra Ball technology to Rivet Joint. This program would allow Rivet Joint aircraft to provide long-range detection and tracking of ballistic missile launches. The Committee understands that it is expected to cost \$70,000,000 over 4 years to provide this capability to all Rivet Joint aircraft.

The Committee believes the development of both capabilities is unaffordable and unnecessary. The Committee recommendation cuts the budget request amount for AWACS EAGLE. The Committee has added these funds to a new project, airborne sensors for ballistic missile tracking. The Committee directs that the Under Secretary of Defense (acquisition and technology) [USD(A&T)] evaluate AWACS EAGLE, Rivet Joint technology transfer, and any other concepts for cost effectively providing an airborne sensor capability to detect and track ballistic missiles. The Committee directs that the USD(A&T) provide a plan for developing this capability and allocating the appropriated funds no later than May 1, 1997.

The Committee understands that the Space and Strategic Defense Command's [SSDC] Advanced Research Center [ARC] has proven to be a valuable asset in the analysis and testing of theater and national missile defense systems. The Committee recommends an increase of \$7,000,000, providing a total of \$15,000,000 to fund the SSDC's ARC.

OTHER ADJUSTMENTS

Program reductions and deferrals.—The following table lists program reductions recommended by the Committee to eliminate funds requested for programs which are not supported by firm requirements or out-year development and procurement funds; are premature until related, preliminary efforts are completed, and the results evaluated; are lower priority relative to other projects; are duplicative of other DOD projects; are increasing without a firm justification and out-year transition commitments; or can be deferred without adversely affecting related program developments.

[In thousands of dollars]

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
Computing systems and communications technology	346,957	338,057	- 8,900
Text, video, speech			-4,900
Evolutionary design of complex software			-4,000
Tactical technology	117,944	112,744	-5,200
Collaborative crisis understanding and mitigation			-7,700
Fast computational algorithms			-5.000
Small low-cost interceptor device [SLID] 1			+3,000
Holographic storage technology 1			+ 2.000
Simulation-based design with virtual reality 2			+ 5,000

133

ltem	1997 budget estimate	Committee recommendation	Change from budget estimate
Center of Excellence for Research in Ocean Sciences [CEROS] 2			+ 7.000
Ship systems automation 3			- 9,500
Advanced concept technology demonstrations	98,471	78,471	-20,000
Commercial technology insertion program	48,411	20,000	-28,411
Weapons team engagement trainer			(1,000)
Technical studies, support, and analysis	35,101	31,248	-3,853
Dual use applications programs	250,000	100,000	-150,000

Excess funds.—The reductions recommended by the Committee in the following table delete funds which are excess to firm program requirements based on delays in the release of prior-year funds; late award of contract efforts; slow execution of prior-year funds; or differences between the budget request and the actual program plans.

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Chemical and Biological Defense Program—demonstration/validation	54,511	47,511	-7,000
Long range bio standoff detection system [LR BSDS]			-7,000

Program and project funding increases.—The Committee recommends the addition of funds for the following projects and programs to reflect congressional priorities; to rectify shortfalls in the budget request for activities; to implement increases endorsed and/ or requested by representatives of the Department of Defense [DOD] to address budget shortfalls; and to effect funding transfers recommended by the Committee or DOD.

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Defense research sciences	74,923	95,223	+ 20,300
Optoelectronics consortia			+25,000
Gallium nitride ²			-2,700
Ultraphotonics 2			-2,300
Wavelength converting devices applied to WDM			
lightpath channels			+300
University research initiatives	209,235	223,235	+14,000
Cold climate energy generating/conserving tech-	,	,	,
nologies development			+1,000
Defense Experimental Program to Simulate Com-			,
petitive Research [DEPSCoR]			+20,000
Southern Observatory for Astronomical Research			+3,000
Senate authorization reduction			-10,000
Chemical and Biological Defense Program	65,273	73,173	+ 7,900

 $^{^1}$ Program adjustment recommended as described under the heading "Authorization adjustments." 2 Increase reflects Committee recommendations as outlined in the "Program and project funding increases" heading of this report section. $$^3\!$ Recommendation adjusts the funding level as described under the report heading "Program transfers".

134 [In thousands of dollars]

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
SAFEGUARD			+ 7,900
Integrated command and control technology	45,000	65,000	+ 20,000
Flat Panel Display Program increase			+ 20,000
Defense Nuclear Agency	195,131	195,593	+ 462
Deep Digger			+3,000
Bioenvironmental Hazards Research Program			+ 5,000
TOPAZ International Program ¹			-15,538
Johnston Island remediation			+8,000
Explosives demilitarization technology		22,000	+22,000
Tri-Service Demilitarization Program			+19,000
Energetic material resource recovery and reuse			+3,000
Demining	7,746	18,046	+10,300
Program increase			+10,300
Counterterror technical support	16,521	22,521	+6,000
Pulsed fast neutron analysis			+6,000
Strategic Environmental Research Program	54,880	59,880	+5,000
Insensitive munitions			+5,000
Cooperative DOD/VA medical research		25,000	+25,000
Advanced electronics technologies	332,100	333,100	+1,000
Integrated point source system			+11,000
X-ray lithography and mask technology transfer			-12.000
Piezoelectric microelectromechanical systems			,
[MEMS]			+2,000
Electric vehicles		20,000	+ 20,000
Electric and Hybrid Electric Vehicle Consortia Pro-		20,000	1 20,000
gram			+20.000
Joint Robotics Program		31,744	+ 8,000
Mobile detection and assessment response sys-	23,744	31,744	1 0,000
tem			+8,000
Advanced Sensor Applications Program	24.001	28.001	+ 4,000
Submarine detection system competition including	24,001	20,001	+ 4,000
			+10.000
April Showers, Magic Lantern, AAHIS			+10,000 $-6,000$
LGA physics ²		10.000	
Rocket launch facility upgrades		10,000	+10,000
Defense reconnaissance support activities (space)—PE	FF 011	00.511	. 00 000
3051591	55,911	92,511	+ 36,600
Application of DOD satellites to national needs			+ 28,600
Pacific Disaster Center			+8,000

Program transfers.—The Committee recommends the following funding adjustments to effect funding transfers requested by the Department of Defense, to align programs in the proper development category, to better link specific development projects with related efforts, to divide unwieldly program elements into more concise groupings of projects, or to restore funds to the traditional funding line in the budget.

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Defense Airborne Reconnaissance Program	438,559		- 438,559
Endurance unmanned aerial vehicles [UAV's]		175,247	+175,247
Endurance UAV—common		71,642	+71,642

¹ Reduction reflects the availability of excess funds, as described in the "Excess funds" heading.
² Program reduction recommended as described under the heading "Program reductions and deferrals."

135 [In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Low observable-high altitude endurance [LO-HAE]			
UAV		17,428	+17,428
HAE-conventional UAV		71,428	+71,428
Tier III Minus UAV		14,749	+ 14,749
Special operations tactical systems development	83,923	98,074	+ 14,151
Rigid hull inflatable boat		, , , , , , , , , , , , , , , , , , , ,	+ 4,451
Special Operations Command Integration Center ¹			+ 4,000
Penetration augmented munition ¹			+ 3,800
Integrated night/day observation/fire control device			,
[INOD] ¹			+1,900
Experimental evaluation of major innovative technology	635,553		-635,553
Command, control, and communications systems		105,679	+105,679
Command and control information systems		47,765	+ 47,765
Information integration systems		67,914	+67,914
Dynamic multiuser information fusion 2			-5,000
Joint forward air combat controller 2			-5,000
Communications and simulation technology		133,118	+133,118
Advanced simulation		48,419	+48,419
Global grid communications		42,024	+ 42,024
Defense simulation internet		39,675	+ 39,675
Disaster relief and emergency medical services 1			+ 8,000
Operational simulation technology ²			-5,000
Sensors and guidance technology		94,477	+ 94,477
Guidance Technology Program		10,499	+ 10,499
Air defense initiative		21,777	+ 21,777
Sensor and exploitation systems		69,201	+ 69,20
Large millimeter wave telescope 1		,	+ 3,000
Semiautomated IMINT processing ³			-10,000
Marine technology		44,726	+ 44,726
Advanced ship-sensor systems		18,844	+ 18,844
Fast ship/future ship		16,382	+ 16,382
Ship systems automation		9,500	+ 9,500
Land warfare technology		61,966	+ 61,966
Combat hybrid power systems		15,000	+ 15,000
Small unit operations		52,666	+ 52,666
Joint DARPA/NASA thermophotovoltaics 1		02,000	+ 10,000
2 Megawatt Carbonate-based Direct Fuel Cell Pro-			1 10,000
gram 1			+4,300
Combat hybrid power systems ²			-5,000
Small unit operations ³			-15,000
DARPA classified programs		220,638	+ 220,638
Classified programs		170,638	+ 170,638
Classified DARPA initiative 1		50,000	+ 50,000

 $^{{}^{1}\}text{Increase reflects Committee recommendations as outlined in the "Program and project funding increases" heading of the state o$

 $Authorization\ adjustments. — The\ Committee\ recommends\ the\ following\ adjustments\ based\ on\ the\ recommendations\ reported\ in\ the$ Senate bill authorizing programs and activities of the Department of Defense [DOD] for fiscal year 1997.

Program reduction recommended as described under the heading "Program reductions and deferrals."
 Reduction reflects the availability of excess funds, as described in the "Excess funds" heading.

136

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Antisatellite [ASAT]		75,000	+ 75,000
Materials and electronics technology	218,539	222,339	+ 3,800
High temperature superconducting and cryogenic			
electronics			+8,000
Thermal management diamond			+4,000
Hard carbon-based coatings			+3,000
Advanced materials partnerships 1			-5,000
Healthcare information infrastructure 1			-7,500
Nonvolatile memory 2			-3,700
Seamless high off-chip connectivity [SHOCC] 3			+5,000
Counterproliferation support—adv dev	54,142	61,610	+7,468
High Frequency Active Auroral Research Program			+7,500
Alternative agent defeat concept 1			-3,032
Surgical strike vehicle			+3,000
Joint DOD-DOE munitions technology development	16,158	21,158	+5,000
Program increase			+5,000
Generic logistics R&D technology demonstrations	18,162	20,162	+2,000
Lead Time and Cost Reduction Program increase			+2,000
High performance computing modernization	99,880	124,880	+25,000
Operations of selected supercomputing centers			+25,000
CALS initiative	1,936	15,936	+14,000
Rapid acquisition of manufactured parts			+10,000
Integrated weapon systems data base [IWSDB] in-			
tegrated data environment			+4,000
Environmental Security Technical Certification Program	14,155	22,155	+8,000
Climate Change Fuel Cell Program			+8,000
Defense support activities	13,796		+3,000
Data review and analysis monitoring aid			+ 3,000

	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
RESEARCH, DEVELOPMENT, TEST, AND EVALUATION, DEFENSE-WIDE			
BASIC RESEARCH:			
IN-HOUSE LABORATORY INDEPENDENT RESEARCH	2,154	2,154	
DEFENSE RESEARCH SCIENCES	74,923	95,223	+20,300
UNIVERSITY RESEARCH INITIATIVES	209,235	223,235	+14,000
FOCUSED RESEARCH INITIATIVES	15,580	15,580	
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	28,739	28,739	
ASAT PROGRAM		75,000	+75,000
TOTAL, BASIC RESEARCH	330,631	439,931	+ 109,300
EXPLORATORY DEVELOPMENT:			
SUPPORT TECHNOLOGIES/FOLLOW-ON TECHNOLOGIES EXPLORATOR	94,023	104,023	+10,000
MEDICAL FREE ELECTRON LASER	23,457	23,457	
HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU) SC	11,163	11,163	
LINCOLN LABORATORY RESEARCH PROGRAM	20,068	20,068	
COMPUTING SYSTEMS AND COMMUNICATIONS TECHNOLOGY	346,957	338,057	-8,900
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	65,273	73,173	+7,900
TACTICAL TECHNOLOGY	117,944	112,744	-5,200
INTEGRATED COMMAND AND CONTROL TECHNOLOGY	45,000	65,000	+20,000
MATERIALS AND ELECTRONICS TECHNOLOGY	218,539	222,339	+ 3,800
DEFENSE NUCLEAR AGENCY	195,131	195,593	+ 462

¹ Program reduction recommended as described under the heading "Program reductions and deferrals."

² Reduction reflects the availability of excess funds, as described in the "Excess funds" heading.

³ Increase reflects Committee recommendations as outlined in the "Program and project funding increases" heading of this report section.

137

[In thousands of dollars]			
	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
MEDICAL TECHNOLOGY	8,196	8,196	
COMMAND AND CONTROL RESEARCH	1,856	1,856	
TOTAL, EXPLORATORY DEVELOPMENT	1,147,607	1,175,669	+ 28,062
TOTAL, EXILEMENT DEVELOR MENT	=======================================	1,173,003	1 20,002
ADVANCED DEVELOPMENT:			
MEDICAL ADVANCED TECHNOLOGY	3,363	3,363	
EXPLOSIVES DEMILITARIZATION TECHNOLOGYDEMINING		22,000	+ 22,000
COUNTERTERROR TECHNICAL SUPPORT	7,746 16,521	18,046 22,521	+ 10,300 + 6,000
COUNTERPROLIFERATION SUPPORT—ADV DEV	54,142	61,610	+ 7,468
SUPPORT TECHNOLOGIES/FOLLOW-ON TECHNOLOGIES—ADVANCE	132,319	272,319	+ 140,000
JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	16,158	21,158	+ 5,000
EXPERIMENTAL EVALUATION OF MAJOR INNOVATIVE TECHNOLOGIES	635,553		- 635,553
AUTOMATIC TARGET RECOGNITION	4,841	4,841	
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEV	41,685	41,685	
SPECIAL TECHNICAL SUPPORT	12,068	12,068	
VERIFICATION TECHNOLOGY DEMONSTRATION	26,199	26,199	
GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	18,162	20,162	+ 2,000
STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	54,880	59,880	+ 5,000
JOINT TECHNOLOGY INSERTION PROGRAM	14,523	14,523	
COOPERATIVE DOD/VA MEDICAL RESEARCH		25,000	+25,000
ADVANCED ELECTRONICS TECHNOLOGIES	332,100	333,100	+1,000
MARITIME TECHNOLOGY	37,408	37,408	
ELECTRIC VEHICLES		20,000	+20,000
ADVANCED CONCEPT TECHNOLOGY DEMONSTRATIONS	98,471	78,471	-20,000
COMMERCIAL TECHNOLOGY INSERTION PROGRAM	48,411	20,000	-28,411
HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	99,880	124,880	+25,000
JOINT ADVANCED STRIKE TECHNOLOGY—DEM/VAL	78,400	78,400	
DUAL USE APPLICATIONS PROGRAMS	250,000	100,000	-150,000
JOINT WARGAMING SIMULATION MANAGEMENT OFFICE	59,968	59,968	
ROCKET LAUNCH FACILITY UPGRADES		10,000	+10,000
COMMAND, CONTROL AND COMMUNICATION SYSTEMS		105,679	+105,679
COMMUNICATIONS AND SIMULATION TECHNOLOGY		133,118	+133,118
SENSORS AND GUIDANCE TECHNOLOGY		94,477	+94,477
MARINE TECHNOLOGY		44,726	+44,726
LAND WARFARE TECHNOLOGY		61,966	+61,966
DARPA CLASSIFIED PROGRAMS		220,638	+ 220,638
TOTAL, ADVANCED DEVELOPMENT	2,042,798	2,148,206	+ 105,408
DEMONSTRATION AND VALIDATION:			
PHYSICAL SECURITY EQUIPMENT	18,676	18,676	
INTEGRATED DIAGNOSTICS	9,742	9,742	
JOINT ROBOTICS PROGRAM	23,744	31,744	+ 8,000
ADVANCED SENSOR APPLICATIONS PROGRAM	24,001	28,001	+4,000
ISLAND SUN SUPPORT	1,246	1,246	
CALS INITIATIVE	1,936	15,936	+14,000
NATO RESEARCH AND DEVELOPMENT	22,776	22,776	
ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	14,155	22,155	+ 8,000
THEATER HIGH-ALTITUDE AREA DEFENSE SYSTEM—TMD—DEM	269,000	304,000	+35,000
NAVY LOWER TIER TMD ACQUISITION—DEM/VAL	60,000	60,000	
NAVY UPPER TIER TMD—DEM/VAL	58,171	304,171	+ 246,000
CORPS SURFACE-TO-AIR MISSILE—TMD—DEM/VAL		45,432	- 10,800
BOOST PHASE INTERCEPT THEATER MISSILE DEFENSE ACQUISIT		24,300	+ 24,300
NATIONAL MISSILE DEFENSE—DEM/VAL		808,437	+ 300,000
OTHER THEATER MISSILE DEFENSE/FOLLOW-ON TMD ACTIVITIES		526,511	+ 6,400
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEM/VAL	54,511	47,511	- 7,000
ENDURANCE UNMANNED AERIAL VEHICLES		175,247	+ 175,247
TOTAL, DEMONSTRATION AND VALIDATION	1,642,738	2,445,885	+ 803,147
ENGINEERING AND MANUFACTURING DEVEL:	0.051	0.051	
COUNTERPROLIFERATION SUPPORT—EMD	2,651	2,651	

 $138 \\ \hbox{[In thousands of dollars]}$

	1997 budget estimate	Senate allowance	Senate com- pared to budg- et estimate
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD	89,915	89,915	
JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	44,501	44,501	
THEATER HIGH-ALTITUDE AREA DEFENSE SYSTEM—TMD—EMD	212,798	317,798	+105,000
PATRIOT PAC-3 THEATER MISSILE DEFENSE ACQUISITION—EM	381,509	381,509	
NAVY LOWER TIER TMD ACQUISITION—EMD	241,582	241,582	
TOTAL, ENGINEERING AND MANUFACTURING DEVEL	972,956	1,077,956	+ 105,000
= DT&E MANAGEMENT SUPPORT:			
TECHNICAL STUDIES, SUPPORT AND ANALYSIS	35.101	31.248	- 3,85
TECHNICAL SUPPORT TO USD(A)—CRITICAL TECHNOLOGY	2,743	2,743	
BLACK LIGHT	4.730	4.730	
FOREIGN MATERIAL ACQUISITION AND EXPLOITATION	40,750	40,750	
CLASSIFIED PROGRAM USD(P)	11,400	11,400	
TECHNICAL ASSISTANCE	4,785	4,785	
COUNTERPROLIFERATION SUPPORT	8,563	8,563	
CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	16,708	16,708	
CLASSIFIED PROGRAMS—C31	2.311	2.311	
SMALL BUSINESS INNOVATIVE RESEARCH ADMINISTRATION	1,628	1,628	
DEFENSE SUPPORT ACTIVITIES	13,796	16,796	+ 3.00
DEFENSE TECHNICAL INFORMATION CENTER	,	,	.,
MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)	45,238 36,369	45,238 36,369	
· -			
TOTAL, RDT&E MANAGEMENT SUPPORT	224,122	223,269	- 85
PERATIONAL SYSTEMS DEVELOPEMENT:			
C3 INTEROPERABILITY (JOINT TACTICAL C3 AGENCY)	24,268	24,268	
NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT	2,047	2,047	
JOINT/DEFENSE INFORMATION SYSTEMS ENGINEERING AND INTE	4,594	4,594	
LONG-HAUL COMMUNICATIONS (DCS)	23,361	23,361	
SUPPORT OF THE NATIONAL COMMUNICATIONS SYSTEM	3,910	3,910	
DEFENSE MESSAGE SYSTEM	2,532	2,532	
MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (ME	2,311	2,311	
C4I FOR THE WARRIOR	2,618	2,618	
C4I FOR THE WARRIOR	2,907	2,907	
DMA MAPPING, CHARTING, AND GEODESY (MC AND G) PRODUCTION			
\$	100,997	100,997	
DEFENSE AIRBORNE RECONNAISSANCE PROGRAM	438,559		-438,55
DEFENSE RECONNAISSANCE SUPPORT ACTIVITIES (SPACE)	55,911	92,511	+36,60
C3I INTELLIGENCE PROGRAMS	7,081	7,081	
INDUSTRIAL PREPAREDNESS	6,831	6,831	
MANAGEMENT HEADQUARTERS (OJCS)	34,912	34,912	
SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT	4,083	4,083	
SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT	7,927	7,927	
SPECIAL OPERATIONS TACTICAL SYSTEMS DEVELOPMENT	83,923	98,074	+ 14,15
SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT	1,315	1,315	
SOF MEDICAL TECHNOLOGY DEVELOPMENT	1,887	1,887	
	23,216	23,216	
SOF OPERATIONAL ENHANCEMENTS	1,202,794	1,231,794	+ 29,00
SOF OPERATIONAL ENHANCEMENTSCLASSIFIED PROGRAMS	, . , .		
	2,037,984	1,679,176	- 358,80

DEVELOPMENTAL TEST AND EVALUATION, DEFENSE

Appropriations, 1996	\$251,082,000
Budget estimate, 1997	252,038,000
Committee recommendation	269,038,000

The Committee recommends an appropriation of \$269,038,000 for the "Developmental test and evaluation, defense" account, an increase of \$17,000,000 to the budget request.

COMMITTEE RECOMMENDED ADJUSTMENT

Central test and evaluation investment program.—The Committee recommends \$133,007,000, which includes an increase of \$17,000,000 to the budget request only to develop a new magnetic-levitation sled test track.

OPERATIONAL TEST AND EVALUATION, DEFENSE

Appropriations, 1996	\$22,587,000
Budget estimate, 1997	21,968,000
Committee recommendation	21,968,000

The Committee recommends an appropriation of \$21,968,000 for this account. This amount is the same as the budget request.

TITLE V

REVOLVING AND MANAGEMENT FUNDS

The Committee recommends appropriations totaling \$2,040,902,000 for title V, revolving and management funds. This is \$130,000,000 above the budget request.

is \$130,000,000 above the budget request.

The Committee provides funding for the defense business operations fund [DBOF] and the national defense sealift fund under this heading.

DEFENSE BUSINESS OPERATIONS FUNDING ADJUSTMENTS

Appropriations, 1996	\$878,700,000
Budget estimate, 1997	947,900,000
Committee recommendation	947.900.000

The Committee's recommendations provide \$947,900,000 for the defense business operations fund. This is in accordance with the budget request. Of the funds requested and appropriated, \$917,230,000 is for Defense Commissary Agency requirements.

NATIONAL DEFENSE SEALIFT FUND

Appropriations, 1996	\$1,024,220,000
Budget estimate, 1997	963,002,000
Committee recommendation	1,093,002,000

The Committee recommends an appropriation of \$1,093,002,000 for the national defense sealift fund, a \$130,000,000 increase to the budget request.

Marine Corps maritime prepositioning ship enhancement.—The Committee provides additional funding of \$125,000,000 which is available only for merging with prior-year funds for procurement and conversion of two maritime prepositioning ships. Funding for this effort may not exceed \$235,000,000.

National defense reserve fleet.—As authorized by the Senate Armed Services Committee, an additional \$5,000,000 is appropriated in the national defense reserve fleet for the repair and refurbishment of the maritime training ship, U.S.N.S. Tanner.

TITLE VI

OTHER DEPARTMENT OF DEFENSE APPROPRIATIONS

CHEMICAL AGENTS AND MUNITIONS DESTRUCTION, DEFENSE

Appropriations, 1996	\$672,250,000
Budget estimate, 1997	799,847,000
Committee recommendation	758,447,000

The Committee recommends an appropriation of \$758,447,000 for the "Chemical agents and munitions destruction, defense" account for fiscal year 1997, a decrease of \$41,400,000 to the budget estimate.

The Chemical Stockpile Disposal Program [CSDP], mandated by Congress in section 1412 of the 1986 Defense Authorization Act (Public Law 99–145), directed the Department of Defense to destroy the complete unitary chemical stockpile by September 30, 1994. The fiscal year 1989 Defense Authorization Act (Public Law 100–456) extended the program completion date to April 30, 1997. The Fiscal Year 1992 Defense Authorization Act (Public Law 102–190) again extended the program completion date to July 31, 1999. Finally, the Fiscal Year 1993 Defense Authorization Act (Public Law 102–484) further extended the completion date to December 31, 2004.

The Chemical Stockpile Disposal Program provides resources to develop and test monitoring and disposal technology; equip, operate, and maintain disposal facilities; provide transportation of chemical agents and munitions onsite for disposal; dispose of all chemical agent destruction waste products; and decontaminate and dismantle all disposal equipment at the conclusion of toxic operations.

COMMITTEE RECOMMENDATIONS

BUDGET ACTIVITY 1—RESEARCH AND DEVELOPMENT

Research and development.—The Department has included \$48,300,000 for research, development, test and evaluation activities of the Chemical Stockpile Disposal Program for fiscal year 1997. For fiscal year 1997, the Department has budgeted \$16,000,000 to conduct research, in parallel with the reverse assembly/incineration (baseline) technology, to select an alternative technology or technologies to be used at the bulk chemical storage sites at Aberdeen, MD, and Newport, IN. The Department has also budgeted \$32,300,000 for continued development, design, purchase, installation, and acceptance testing of equipment for the nonstockpile chemical material project; and for continued evaluation of nonstockpile disposal technologies, and for continued development of nonintrusive analysis systems for munitions and their surrounding environment.

The Committee recommends providing \$88,300,000, an increase of \$40,000,000 above the budget request for CDSP research and development activities in fiscal year 1997. The additional funds are provided only for the initiation of an alternative disposal program for the storage sites containing chemical munitions; Anniston, AL, Lexington-Blue Grass, KY, Pine Bluff, AR, Pueblo, CO, and Umatilla, OR.

The Committee has recommended bill language (sec. 8059) requiring the Under Secretary of Defense for Acquisition and Technology to designate a program executive officer [PEO], not later than November 1, 1996, who will be responsible for the alternative pilot program. As specified in the bill language, under no circumstances shall the Under Secretary appoint a program executive officer who is, or has ever been, in direct or indirect control of the baseline reverse assembly incineration process. The Committee expects that the new program's oversight, budgeting, and execution shall be accomplished by the new PEO for alternatives within a separate and distinct budget line within the "Chemical agent and munitions destruction, defense research and development" accounts.

The Committee further prohibits, within section 8059 of the bill, the obligation of any funds for the construction of a baseline reverse assembly incinerator, at either the Lexington Blue Grass or Pueblo Army Depots until 180 days after the Under Secretary has provided a report to the congressional defense committees. The Under Secretary's report must detail the effectiveness of each alternative chemical munitions demilitarization technology identified and demonstrated under the pilot program, and its ability to meet the applicable State and Federal safety and environmental requirements.

BUDGET ACTIVITY 2—PROCUREMENT

Procurement.—The Department has requested \$273,600,000 for the procurement of process and support equipment used for the baseline destruction of chemical munitions in the stockpile, chemical stockpile emergency preparedness project [CSEPP] equipment, and the nonstockpile chemical material project [NSCMP] equipment. Also included are costs for initial spares, freight, software, maintenance and operations manuals relating to specific equipment, and design changes during construction and installation.

The Committee recommends providing \$191,200,000 for these procurement activities in fiscal year 1997, a decrease of \$82,400,000 from the budget request. The Committee specifically denies the funding request for long-lead equipment purchases for the Pueblo, CO, and Anniston, AL, baseline facilities because of anticipated permitting delays.

BUDGET ACTIVITY 3—OPERATIONS AND MAINTENANCE

Operation and maintenance.—The fiscal year 1996 budget request includes \$477,974,000 for operations and maintenance funds for management, technical, and operational support required for demilitarization of the chemical stockpile, emergency response activities, and support to the Nonstockpile Chemical Material Pro-

gram. The Committee recommends providing \$478,974,000, an increase of \$1,000,000 above the budget request. The additional funds recommended by the Committee are only for the continuation of the off-island leave program for military personnel and Federal workers assigned to Johnston Island for at least 1 year. Established by Congress in 1991, the program provides recognition of the extreme isolation and hardships that military personnel and Federal workers must endure as they make a major contribution to ridding the world of dangerous chemical munitions.

Transportation of chemical weapons.—Last year, the Committee removed its annual provision which prohibits the expenditure of any Federal funds for the study of the transportation of stockpile chemical weapons from the nine continental chemical disposal sites, except for studies by the General Accounting Office requested by a committee of Congress. While the Committee believed that there were no new facts which had come to light that would make the transportation of chemical weapons from the nine continental sites any less precarious than has been quantified in previous studies, the Committee provided those who wished to restudy the transportation option another opportunity. The Committee, however, was very concerned that the commissioning of yet another new transportation study would raise false hopes that these chemical weapons could be moved safely, that some other community would be willing to take these weapons, and that the transported stockpile could be destroyed within the time mandated by law.

The Committee will again include a general provision which directly prohibits the movement of any chemical munitions or agent

to Johnston Atoll.

Future use of the facilities.—The Committee continues its very strong opposition to any studies or exploration of the possible future use of the chemical destruction facilities. To ensure the law requiring the dismantling of the facilities after the completion of the onsite chemical weapons destruction is complied with fully, the Committee has again included a general provision prohibiting the expenditure of any Federal funds for the study of the possible future use of these facilities. The Committee does not intend this provision apply to the CAMDS facility at Tooele, UT.

DEFENSE HEALTH PROGRAM

Appropriations, 1996	\$10,226,358,000
Budget estimate, 1997	9,627,758,000
Committee recommendation	10.256.108.000

The Committee's recommendation for the Defense Health Program provides \$10,256,108,000, an amount of \$628,350,000 more than the amount requested. All recommended adjustments to the budget request, including those items discussed elsewhere in this report, are summarized below:

Program Defense Health Program shortfall Department of Defense emergency communications Telemedicine initiatives Reserve Dental Program Center for Prisoner of War Studies Ongoing DOD initiatives Hepatitis vaccine Cancer Control Program New Parents Support Program	$\begin{array}{c} 14,000 \\ 20,000 \\ 15,000 \\ 2,700 \\ 36,900 \\ 40,000 \\ 4,750 \end{array}$
Total adjustments	628,350
Recommended appropriation	10,256,108

COMMITTEE ADJUSTMENTS

DEFENSE HEALTH PROGRAM SHORTFALL

The Committee is greatly concerned with the significant underfunding of the Defense Health Program presented in the fiscal year 1997 President's budget request. In testimony before the Committee, the Assistant Secretary of Defense for Health Affairs and the service Surgeons General provided specific details of how this shortfall would severely reduce care and medical services to military beneficiaries. Accordingly, this Committee recommends an additional \$475,000,000 to adequately resource the Defense Health Program.

Defense Breast Cancer Research Program.—The Committee recommends \$150,000,000 to continue the highly successful Army peer-reviewed Breast Cancer Research Program. These funds are provided in the "Research, development, test, and evaluation, Army" appropriation.

RESERVE DENTAL PROGRAM

The Committee supports the implementation of a Selected Reserve dental insurance program beginning in 1997. Accordingly, the Committee has provided \$15,000,000 to fund this initiative.

ONGOING DOD INITIATIVES

Uniformed Services University of the Health Sciences [USUHS].— The Committee recommends an addition of \$6,900,000 to fully fund the requirements of USUHS, noting that a reduction was assumed in the budget request in anticipation that the university would be closed

Graduate School of Nursing.—The Committee is providing \$2,000,000 in support of advanced practice nursing programs that contribute to the readiness and cost-effective health care delivery missions of the uniformed services.

Military nursing research.—The Committee recommends \$5,000,000 for research related to health maintenance and promotion, domestic violence, alternative health care delivery models, and initiatives to enhance military nursing.

Pacific Island Health Care Program.—The Committee recommendation includes \$5,000,000 in support of health care services to Pacific islanders.

Disaster management training.—The Committee recommends \$2,000,000 from within existing funds for the continuation of a Center of Excellence in Disaster Management and Humanitarian Assistance Program with Tripler Army Medical Center. This will prepare DOD personnel to better meet requirements of operations-other-than war by facilitating education, training and research.

PACMEDNET.—The Committee recommends \$10,000,000 for the continued development of an automated patient record enhance-

ment to the composite health care system.

Brown tree snakes.—The Committee recommends \$1,000,000 to continue efforts to prevent brown tree snakes from being introduced into new habitats through transportation of military cargo.

Neurofibromatosis.—The Committee urges the Department to

continue efforts in the study of neurofibromatosis.

Family advocacy.—The Committee recommends \$20,000,000 for the Family Advocacy Program to continue the New Parents Sup-

port Program.

Army Research Institute.—The Committee understands that the Army Research Institute for the Behavioral and Social Sciences is being considered for elimination. The Committee directs the Department of Defense to evaluate this proposal and provide the Committee with results of this assessment not later than March 15, 1997.

TRICARE—HAWAII AND CALIFORNIA

The Committee understands that DOD is considering separating the California and Hawaii Tricare contract, specifically considering the geographic isolation of Hawaii. Since a contact has recently been awarded, the DOD is encouraged to proceed in such a manner as to not incur the additional costs associated with rebidding a new contract. The Committee further encourages region 12 to explore alternative financing when doing so results in greater savings for the Government.

DEFENSE WOMEN'S HEALTH RESEARCH PROGRAM

The Committee believes it is necessary to be responsive to military women's health care issues, and thus encourages the Department to provide funding to continue the Defense Women's Health Research Program. This program has proven to be extremely beneficial in addressing those issues of concern to women in the military.

PROSTATE CANCER STUDY/RESEARCH

The Committee is concerned that the most advanced prostate cancer treatment be made available to all eligible beneficiaries of the military health services system. The Committee, therefore, directs the Secretary of Defense to convene a study on prostate cancer diagnosis and treatment in the military in cooperation with the Center for Prostate Disease Research. The study should review current diagnostic and treatment options, and recommend Departmentwide clinical practice guidelines for available treatment options. The study should include a plan to ensure that the highest quality of care for prostate cancer is made available to all bene-

ficiaries, and to provide regular physician education on prostate cancer diagnosis and treatment, and routine updates on therapeutic advances. The Committee further directs the Secretary of Defense to report to the Congress not later than June 30, 1997, on the finding and recommendations of the study.

Additionally, the Committee has provided \$100,000,000 for pros-

tate cancer research.

POSTDOCTORAL EDUCATION

The Department is again encouraged to increase postdoctoral training efforts for psychologists in those military medical centers when independent departments of psychology exist.

CANCER CONTROL PROGRAM

The Committee has provided \$4,750,000 to the Charleston Navy Hospital only for the continuation of their efforts to establish a cancer control program in conjunction with a State-owned cancer center serving coastal South Carolina. The Committee recognizes the impact of base closure on this medically underserved area and provides for the continuation of the program established to assist military, family members, and retirees of the area.

REGIONAL SPECIALIZED TREATMENT SERVICES FACILITIES

As the Department of Defense moves into its TRICARE managed care system, many children's hospitals are exploring designation as regional specialized treatment services [STS] facilities to provide specialized, complex, and highly technical care to children of military families in collaboration with the Department.

Under DOD implementation policy, TRICARE lead agents will designate regional STS facilities within regions of approximately 200 miles in radius of the lead agent medical facility. The implementation will delay the designation of some children's hospitals as STS facilities, where the hospital is located more than 200 miles away from the lead agent.

The Committee believes that all hospitals within a specific region become eligible for designation as STS facilities as soon as the administrative support structure to define and adequately service multiple 200-mile catchment areas within a region becomes workable.

FIBROMYALGIA RESEARCH

Congressional testimony indicates that the symptoms of fibromyalgia are similar to those reported by veterans suffering from Persian Gulf war syndrome. Accordingly, the Committee urges the Department to consider funding research on fibromyalgia.

GLOBAL INFECTIOUS DISEASE SURVEILLANCE AND RESPONSE PROGRAM

The Committee notes that the President recently signed a Presidential decision directive on emerging infectious diseases, expanding the mission of the Department of Defense to include support of global surveillance, training, research and response to emerging infectious diseases threats. The Department is currently developing

a surveillance and response system to handle infectious diseases

which pose a threat to military personnel and national security.

This Committee supports this DOD-wide initiative and directs the Department to include funding for this program in the fiscal

year 1998 Defense Health Program budget submission.

Infectious diseases pose a significant threat to U.S. military operations. With the reductions in the U.S. military and the need to respond to conflict anywhere in the world, it is vitally important to preserve combat readiness. The Committee has provided sufficient funds to continue this critical research.

RESERVE COMPONENTS MEDICAL PROGRAM

The Committee understood that the consolidation and centralization of the Department of Defense medical budget under the Assistant Secretary of Defense for Health Affairs in fiscal year 1992, was intended to provide necessary medical benefits for all beneficiaries throughout the Department of Defense. The Committee expects the Department to provide, as part of the Defense Health Program medical programs, health care and health care support to National Guard and Reserve members in accordance with statutory require-

The Committee directs the Department to review the fiscal year 1998 budgets of the Reserve components to identify those resources currently identified for medical support of the Reserve components. Based on that review, the Department shall transfer those resources to the Defense Health Program to support Reserve component health care and health care support.

Drug Interdiction and Counterdrug Activities, Defense

Appropriations, 1996	\$688,432,000
Budget estimate, 1997	642,724,000
Committee recommendation	789,024,000

The Committee recommends an appropriation of \$789,024,000, in title VI, Counternarcotics and Drug Interdiction Program for fiscal year 1997.

SUMMARY OF COMMITTEE ADJUSTMENTS

Committee adjustments to the budget estimate are summarized in the following tables. Explanations for these adjustments are also provided.

DRUG INTERDICTION AND COUNTERDRUG ACTIVITIES, DEFENSE

[In thousands of dollars]

Item	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Military personnel:			
Army Reserve	6,828	6,828	
Army National GuardNavy	99,782	99,782	
Navy Reserve		7,615	
Marine Corps ReserveAir Force		2,682	
Air Force Reserve		4,577	

148
DRUG INTERDICTION AND COUNTERDRUG ACTIVITIES, DEFENSE—Continued
[In thousands of dollars]

ltem	1997 budget estimate	Committee rec- ommendation	Change from budget estimate
Air National Guard	36,752	36,752	
Special Operations Command	300	300	
Subtotal, military personnel	158,536	158,536	
Operations and maintenance:			
Army	82,314	82,314	
Navy	94,571	99,471	+4,900
Marine Corps	3,998	4,998	+1,000
Air Force	101,085	114,585	+13,500
Defense agencies/OSD	102,750	122,750	+20,000
Army Reserve	2,507	2,507	
Navy Reserve	4,456	4,456	
Marine Corps Reserve	34	34	
Air Force Reserve	690	690	
Army National Guard	13,006	13,506	+ 500
Air National Guard	4,356	4,356	
Special Operations Command	12,803	13,803	+ 1,000
Subtotal, operation and maintenance	422,570	462,970	+ 40,900
Procurement:			
Army	1,340	7,340	+6,000
Navy	5,416	98,516	+ 93,100
Air Force	2,327	3,827	+ 1,500
Defense agencies	17,757	22,557	+ 4.800
National Guard/Reserve	4,358	4,358	
Special Operations Command	500	500	
Air Force Reserve	500	500	
Subtotal, procurement	32,198	137,598	+ 105,400
Research, development, test, and evaluation:			
Navy	20,996	20,996	
Defense agencies	8,424	8,424	
-	0,424	0,424	
Subtotal, research, development, test, and eval- uation	29,420	29,420	
Total, drug interdiction	642,742	788,524	+ 146,282

COUNTERNARCOTICS DRUG INTERDICTION OVERVIEW

Appropriations under this title finance the participation of the Department of Defense in counternarcotics activities.

National Guard activities.—The Committee recognizes the many contributions the National Guard has made to the counterdrug effort and directs the Department to ensure that this program is fully funded and supported.

Civil Air Patrol.—Funds made available to the Civil Air Patrol [CAP] in the fiscal year 1997 appropriation for Defense Department

Civil Air Patrol.—Funds made available to the Civil Air Patrol [CAP] in the fiscal year 1997 appropriation for Defense Department drug interdiction activities may be used for CAP's demand reduction program involving youth programs as well as operational and training drug reconnaissance missions for Federal, State, and local

government agencies; for travel and per diem expenses of CAP personnel in support of those missions; and for equipment needed for mission support or performance. The Air Force should waive reimbursement from the Federal, State, and local government agencies for use of these funds.

Gulf States counterdrug initiative.—The Committee has provided an additional \$4,800,000 to support the Regional Counterdrug Training Academy and other priority activities.

Reconnaissance and interdiction detachment [RAID].—The Committee understands that the Army National Guard is conducting a comprehensive review of the RAID program for the purpose of ensuring its resources fulfill current and future requirements. In anticipation of the completion of this study, the Committee has provided an additional \$500,000 for implementation of a more focused RAID program.

National Interagency Counterdrug Institute [NICI].—NICI is the only Federal activity that provides joint counterdrug training for military and law enforcement leaders and related information sharing and analytical services. The Committee supports this program and encourages DOD to provide up to \$3,700,000 in available funds for this vital operation.

Law enforcement agency support.—The Committee directs the Assistant Secretary of Defense for Special Operations/Low Intensity Conflict, in consultation with other Federal agencies involved in drug interdiction, evaluate the possible benefits of establishing a drug interdiction strategy and simulation training center. This center should build upon current Air Force test and evaluation facilities that can simulate the integrated air defense and communication portion of the aviation phase of illegal drug trafficking, and have the potential to interface with systems currently in place or being developed for distributed simulation and training. The study shall address how the center will emphasize the strategic, operational, intelligence, and logistic shortcomings and strengths. The results of this study should be submitted to the Committees on Appropriations of the House and Senate no later than February 15, 1997.

The Committee recommends incorporating the following adjustments to the budget estimate in accordance with Senate authorization committee action, of which \$119,000,000 supports Office of National Drug Control Policy initiatives:

[In thousands of dollars]

Item	1997 budget estimate	Committee recommendation	Change from budget estimate
P-3 AEW retrofit (2 a/c)		98,000	+ 98,000
Nonintrusive inspection system		6,000	+6,000
Refurbish/install TPS-70 radar		15,000	+15,000
SIGINT equipment for Southwest border		2,000	+2,000
Riverine operations in South America	700	2,700	+2,000
Support for military counterdrug units in Mexico		8,000	+8,000
Laser strike	11,173	19,173	+8,000

150

OFFICE OF THE INSPECTOR GENERAL

Appropriations, 1996	\$178,226,000
Budget estimate, 1997	138,501,000
Committee recommendation	139,157,000

The Committee recommends an appropriation of \$139,157,000 for fiscal year 1997. This is \$656,000 above the budget estimate. These additional funds shall be used to fund urgent shortfalls identified subsequent to submission of the fiscal year 1997 budget request.

TITLE VII

RELATED AGENCIES

CENTRAL INTELLIGENCE AGENCY RETIREMENT AND DISABILITY SYSTEM FUND

Appropriations, 1996	\$213,900,000
Budget estimate, 1997	196,400,000
Committee recommendation	184,200,000

The Committee recommends \$184,200,000, a reduction of \$12,200,000. This reduction reflects the revised economic assumptions from the Board of Actuaries of the Civil Service Retirement System. The CIA Retirement Act of 1964 for Certain Employees (Public Law 88–643) authorized the establishment of a CIA retirement and disability system for a limited number of CIA employees and authorized the establishment and maintenance of a fund from which benefits would be paid to qualified beneficiaries.

COMMUNITY MANAGEMENT STAFF

Appropriations, 1996	\$90,683,000
Budget estimate, 1997	91,739,000
Committee recommendation	94,739,000

The Committee recommends incorporating the following increase to the budget estimate in accordance with Senate authorization committee action: Environmental Intelligence and Applications Program—\$3,000,000.

NATIONAL SECURITY EDUCATION TRUST FUND

Appropriations, 1996	\$7,500,000
Budget estimate, 1997	5,100,000
Committee recommendation	5.100.000

The Committee recommends \$5,100,000 for the national security education trust fund.

KAHO'OLAWE ISLAND CONVEYANCE, REMEDIATION, AND ENVIRONMENTAL RESTORATION TRUST FUND

Appropriations, 1996	\$25,000,000
Budget estimate, 1997	10,000,000
Committee recommendation	10,000,000

The Committee recommends \$10,000,000 for the Kaho'olawe Island conveyance, remediation, and environmental restoration trust fund.

TITLE VIII

GENERAL PROVISIONS

The following lists general provisions proposed by the Committee. The Committee recommends inclusion of several proposals which have been incorporated in previous appropriations acts, provisions requested for inclusion by the Defense Department, and new provisions. The Committee recommendations are as follows:

SEC. 8001. Publicity/propaganda limitation.—Retains provision which is carried annually in the DOD Appropriations Act prohibiting the use of funds for publicity or propaganda purposes not au-

thorized by Congress.

Sec. 8002. Compensation/employ of foreign nationals.—Retains provision which is carried annually in DOD appropriations acts which limits salary increases for direct and indirect hire foreign nationals.

To ensure compliance with this provision, the Department is directed to report to the congressional defense committees, no later than March 15, 1997, the adjustments in pay for overseas civilian employees governed by the terms of this section. In countries where the local national government pay raise exceeds the level provided for U.S. workers, the Department also will report the additional costs associated with that increased pay amount.

SEC. 8003. Obligation rate of appropriations.—Retains an annual provision limiting obligation of appropriations for only 1 year un-

less otherwise expressly provided.

SEC. 8004. Obligations in last 2 months of fiscal year.—Retains provision as addressed in previous years which controls end-of-year spending.

SEC. 8005. Transfers.—The Committee retains an annual provision which provides transfer authority of \$1,200,000,000 instead of the \$2,000,000,000 requested by the administration.

Sec. 8006. Working capital fund cash disbursements.—Retains a provision as addressed in previous years.

SEC. 8007. Special access programs notification.—Retains language carried in previous years.

SEC. 8008. CHAMPUS pricing reform.—Retains provision as in

previous years.

Sec. 8009. Multiyear procurement authority.—The Committee recommends providing multiyear authority for the following programs: Javelin missile, Arleigh Burke (DDG-51) class destroyers, MK19-3 grenade machine guns, M-16A2 rifles, M-249 squad automatic weapons, M-4 carbine rifles, and M-240 machine guns.

Sec. 8010. Humanitarian and civic assistance.—Retains provision carried previously which allows operation and maintenance funding to be used to transport civilian personnel at various Pacific locations to treatment facilities.

Sec. 8011. Civilian personnel ceilings.—The Committee retains

the provision as in previous years.

SEC. 8012. Overseas civilian work-years.—Restores and amends a fiscal year 1994 provision which limits the number of civilian workyears that DOD may fund outside the United States and its terri-

Sec. 8013. *Lobbying*.—Retains the provision as in previous years. Sec. 8014. Educational benefits and bonuses.—Retains provision as in previous years.

Sec. 8015. Organizational analysis/contracting out.—Retains as

in previous years.

Sec. 8016. Mentor-Protégé program.—Retains a provision from the fiscal year 1996 appropriations act allowing the transfer of funds from title III to implement this small business development assistance program.

Sec. 8017. Uniformed services treatment facilities.—Retains a provision which limits the total funding available to uniformed

service treatment facilities [USTF].

SEC. 8018. CHAMPUS mental health benefits.—Retains provision

as in previous year.

SEC. 8019. POW/MIA family travel.—Retains a provision as in

previous year. SEC. 8020. Residual value negotiations.—Retains a provision requested by the administration and carried in the Fiscal Year 1996

Defense Appropriations Act.

Sec. 8021. Demilitarization of surplus firearms.—Retains and modifies a provision which prohibits use of funds to demilitarize or dispose of M-1 carbines, M-1 garand rifles, M-14 rifles, .22 caliber rifles, .30 caliber rifles, or M-1911 pistols.

SEC. 8022. Selective reenlistment bonus.—Retains a provision as

in previous years.

Sec. 8023. Indian Financing Act incentives.—Retains a provision

making available incentive payments.

Sec. 8024. 9 mm handgun.—Retains a provision which restricts the purchase of sidearms to the standard M-9 or M-11 9 mm hand-

Sec. 8025. Relocation to the National Capital region.—Retains and modifies a previous provision limiting the relocation of activities to the National Capitol region, Washington, DC.

Sec. 8026. Military leave for members of the Reserve compo-

nent.—Retains provision as in previous years.

Sec. 8027. A-76 studies.—Retains provision as in previous years. Sec. 8028. Armed Forces Information Service.—Retains provision as in previous years.

SEC. 8029. Wage rate—civilian health.—Retains provision as in previous years.

Sec. 8030. WC-130 weather reconnaissance.—Retains provision as in previous years.

Sec. 8031. Workshops for the blind and handicapped.—Retains provision as in previous years.

Sec. 8032. CHAMPUS coordination of benefits.—Retains provision as in previous years.

Sec. 8033. Burdensharing.—Retains provision as in previous

SEC. 8034. Civil Air Patrol.—The Committee retains and modifies amounts appropriated for the Civil Air Patrol.

Sec. 8035. Chemical weapons studies.—Retains provision from previous years.

Sec. 8036. Alcoholic beverages.—Retains provision from previous years.

SEC. 8037. Congressional defense committees definition.—Retains provision but revises Committee titles consistent with reorganization of the 104th Congress.

SEC. 8038. Depot maintenance competition.—Retains provision from previous years.

Sec. 8039. Reciprocal trade agreements.—Retains a provision request by the administration carried in previous years.

Sec. 8040. Energy cost savings.—Retains provision from previous year.

SEC. 8041. Voluntary separation incentive fund [VSI].—Retains annual provision from previous year.

Sec. 8042. *Nonexcess property leases*.—Retains provision from previous year.

Sec. 8043. Quarters allowance for the Reserve component.—Retains provision from previous years.

SEC. 8044. *Marine Youth Program*.—Inserts a new provision allowing the expenditure of funds for the Young Marine Program.

SEC. 8045. Overseas military facilities investments.—Retains a provision requested by the administration carried in previous years.

SEC. 8046. Pay of Reserve personnel.—Retains provision from previous year.

SEC. 8047. NATO headquarters operating costs.—Retains a provision from previous years.

SEC. 8048. *Investment item unit cost.*—Retains a provision requested by the administration requiring central management and procurement of items costing in excess of \$100,000.

Sec. 8049. Early retirement.—Retains a provision from previous year.

SEC. 8050. DBOF investment item.—Retains a provision from previous year.

SEC. 8051. *Modification restrictions*.—Retains a provision from previous years.

SEC. 8052. CIA reserve for contingencies.—Retains provision which limits obligation of CIA funds except for reserve for contingencies.

Sec. 8053. GDIP information system.—Retains provision from previous year.

SEC. 8054. *Indian tribes environmental impact.*—Modifies provision from previous year which provides \$8,000,000 for the mitigation of environmental impacts resulting from military operations on or near Indian lands.

SEC. 8055. National Science Center for Communications.—Retains a provision from previous year.

SEC. 8056. Medical facilities commander.—Retains a provision from previous years.

Sec. 8057. Compliance with the Buy America Act.—Retains a provision requested by the administration carried in previous years.

SEC. 8058. Competition for consultants and studies programs.—Retains the provision from previous years as requested by DOD which requires competition for consulting services, studies, and analyses.

SEC. 8059. Chemical weapons alternative destruction.—Inserts a new provisions providing funds and directions for the conduct of an alternative destruction program for the stockpile chemical weapons.

SEC. 8060. Operations Desert Shield/Desert Storm debt waiver.—Retains a provision requested by the administration carried in previous years.

SEC. 8061. Adak leasing.—Insert a new provision allowing the Navy to enter into interim leasing arrangements for the naval facility, Adak.

SEC. 8062. Rescissions.—The Committee recommends a general provision rescinding funds from three programs as displayed below.

Fiscal year 1995

Missile procurement, Air Force/defense support program excess funds	-\$31,900,000
Fiscal year 1996	
Missile procurement, Air Force/space boosters/Titan IV excess funds	-20,000,000

Sec. 8063. Fort Leavenworth.—Inserts a new provision providing the Army authority to expend funds specifically identified for Fort Leavenworth within the fiscal year 1996 conference report.

-75,000,000

Sec. 8064. Civilian technicians reductions.—Retains a provision carried in previous years.

SEC. 8065. Prohibition on assistance for North Korea.—Retains a provision prohibiting the obligation or expenditure of any funds provided in this act for aid to the Government of North Korea.

SEC. 8066. National Guard counterdrug activities.—Retains a provision carried in previous years.

Sec. 8067. Reimbursement for Reserve component intelligence personnel.—Retains a provision carried in previous years.

Sec. 8068. Civilian medical personnel reductions.—Retains a provision carried in previous years.

Sec. 8069. CHAMPUS refund.—Retains a provision carried in previous years.

Sec. 8070. Pentagon renovation cost ceiling.—Retains a provision carried in previous years.

SEC. 8071. Counterdrug activities transfer (crime bill).—Retains a provision carried in previous years.

Sec. 8072. Energy and water efficiency.—Retains a provision carried in previous years.

SEC. 8073. *Medical supply transfer*.—Retains provision concerning transportation of medical supplies and equipment to American Somoa.

SEC. 8074. Naval shipyard eligibility for manufacturing technology extension program funds.—Retains language as in previous years making all naval public shipyards eligible to participate in any manufacturing extension program.

Sec. 8075. Coast Guard transfer.—Insert a new provision transferring \$300,000,000 of the funds appropriated in this act the U.S.

Coast Guard.

SEC. 8076. Local hire in noncontiguous States.—The Committee retains provision from previous year regarding high unemployment in noncontiguous States.

Sec. 8077. Air Force leasing authority for housing.—Retains a provision requested by the administration carried in previous

years.

Sec. 8078. Peacekeeping costs of the United Nations.—Retains a provision carried in previous years.

SEC. 8079. Export Loan Guarantee Program.—Retains and modi-

fies a provision carried in previous years.

SEC. 8080. Financing U.S. assessed contribution to United Nations peacekeeping.—Retains a provision carried in previous years. SEC. 8081. Business restructuring and executive bonuses.—Re-

tains a provision carried in previous years.

SEC. 8082. Transportation of chemical weapons.—Retains provision from previous years to prohibit the expenditure of funds by the Department of Defense to transport any additional chemical weapons to Johnston Atoll. The general provision affirms assurances by the President and the Secretary of Defense that Johnston Atoll would not become a repository for the destruction of all U.S. chemical weapons. Waivers have been included in this provision which will allow the transportation of chemical weapons discovered in the Pacific region and further grants the President waiver authority in time of war.

SEC. 8083. Reserve peacetime support to active duty and civilian activities.—Inserts a new provision requested by the administration to begin a pilot program to increase the use of the Reserve component forces.

SEC. 8084. Zinc sales.—Retains the provision from the previous year which prohibits the sale of zinc from the national defense stockpile if the price of zinc on the world market falls more than 5 percent below the levels on the date of enactment of this bill.

SEC. 8085 Shipbuilding payments.—Recommends a new provision which allows for the use of current appropriations for the payment of costs from provided accounts.

ment of costs from expired accounts.

SEC. 8086. *B–2 expenditures and obligations*.—Inserts and modifies a new general provision requested by the Department which allows prior year funds that were available for the B–2 aircraft program to remain available for expenditure until September 30, 2002.

SEC. 8087. Expired obligations and unexpended balances.—Insert a new provision which allows current year appropriations to be charged, up to 1 percent of the total amounts appropriated, for prior year obligations in the expired accounts of the same appropriation title under certain circumstances.

SEC. 8088. Shipbuilding transfers.—Recommends reallocation of funds to cover unanticipated cost increases. The Committee finds that rather than rescinding funds made available from lower esca-

lation rates, these funds should remain available for future escalation requirements. Escalation savings shall not be reallocated for any other purpose without prior notification to the congressional defense committees.

SEC. 8089. Obligations and matching of disbursements.—Inserts a new general provision that requires DOD to lower the prevalidation threshold to \$3,000,000 not later than June 30, 1997.

SEC. 8090. Comptroller reporting requirement.—Inserts a new provision requiring the DOD Comptroller to identify all adjustments made to the fiscal year 1998 budget request as a result of congressional increases to the fiscal year 1997 budget.

SEC. 8091. *T*–39*N* aircraft.—Inserts a new provision re-emphasizing congressional intent with respect to a fiscal year 1996 appropriation for the procurement of T–39N aircraft, simulators, and support equipment.

Sec. 8092. On-orbit incentives.—Inserts and modifies a new provision requested by the Air Force to extend the life of funds pre-

viously appropriated for the payment of on-orbit incentives.

SEC. 8093. Federally funded research and development centers.— Retains and modifies a provision governing the funding for defense federally funded research and development centers.

SEC. 8094. Interport differential.—Retains a provision carried in

previous years.

Sec. 8095. High security locks.—Inserts a provision restricting

the purchase of high security locks.

SEC. 8096. Budgeting policies and reprogramming thresholds.— The Committee recommends a new general provision governing proposed modifications to budgeting policies and reprogramming thresholds.

SEC. 8097. Prostate cancer research.—The Committee inserts a new provision which provides an additional \$93,000,000 for the initiation of a peer review prostate cancer research program. These funds are in addition to the \$7,000,000 provided within the "Army RDT&E" account, for a total amount available within this bill of \$100,000,000.

SEC. 8098. Repeal of section 8110.—The Committee inserts a new provision which repeals section 8110 of the Fiscal Year 1996 Department of Defense Appropriations Act, Public Law 104–61.

COMPLIANCE WITH PARAGRAPH 7, RULE XVI, OF THE STANDING RULES OF THE SENATE

Paragraph 7 of rule XVI requires that Committee reports on general appropriations bills identify each Committee amendment to the House bill "which proposes an item of appropriation which is not made to carry out the provisions of an existing law, a treaty stipulation, or an act or resolution previously passed by the Senate during that session."

Due to the early Committee action on the fiscal year 1997 Defense appropriations bill, an original Senate bill was reported by

the Appropriations Committee to the Senate.

At the point when the Committee reports this measure, the Congress has not completed action on S. 1745, the Fiscal Year 1997 Defense Authorization Act. As a consequence, the Committee has acted in good faith in its attempt to comply fully with requirements stipulated under paragraph 7, rule XVI.

The Committee anticipates that Congress will authorize the

amounts appropriated in this act.

COMPLIANCE WITH PARAGRAPH 7(C), RULE XXVI OF THE STANDING RULES OF THE SENATE

Pursuant to paragraph 7(c) of rule XXVI, the Committee en bloc ordered reported the 602(b) allocation, granted authority for revisions to allocations as necessary, and ordered reported S. 1894, an original DOD appropriations bill and H.R. 3517, the military construction appropriations bill, 1997, subject to their budget allocations, by a recorded vote of 24–3, a quorum being present. The vote was as follows:

was as follows:	
Yeas	Nays
Chairman Hatfield	Mr. Leahy
Mr. Stevens	Mr. Lautenberg
Mr. Cochran	Mr. Harkin
Mr. Specter	
Mr. Domenici	
Mr. Bond	
Mr. Gorton	
Mr. McConnell	
Mr. Mack	
Mr. Burns	
Mr. Shelby	
Mr. Jeffords	
Mr. Gregg	
Mr. Bennett	
Mr. Campbell	

Mr. Byrd Mr. Inouye Mr. Hollings Mr. Johnston Ms. Mikulski Mr. Reid Mr. Kerrey Mr. Kohl Mrs. Murray

COMPLIANCE WITH PARAGRAPH 12, RULE XXVI OF THE STANDING RULES OF THE SENATE

Paragraph 12 of rule XXVI requires that Committee reports on a bill or joint resolution repealing or amending any statute or part of any statute include "(a) the text of the statute or part thereof which is proposed to be repealed; and (b) a comparative print of that part of the bill or joint resolution making the amendment and of the statute or part thereof proposed to be amended, showing by stricken-through type and italics, parallel columns, or other appropriate typographical devices the omissions and insertions which would be made by the bill or joint resolution if enacted in the form recommended by the committee."

Section 8098 would repeal section 8110 of the Department of Defense Appropriations Act, 1996 (Public Law 104–61). The provision recommended for repeal is as follows:

[Sec. 8110. None of the funds appropriated or made available in this Act to the Department of the Navy shall be used to develop or procure an emergency generator set for the New Attack Submarine unless such equipment is powered by a diesel engine manufactured in the United States by a domestically operated entity: *Provided*, That the Secretary of Defense may waive this restriction on a case-by-case basis by certifying in writing to the Committees on Appropriations of the House of Representatives and the Senate that adequate domestic supplies are not available to meet Department of Defense requirements on a timely basis and that such an acquisition must be made in order to acquire capability for national security purposes or there exists a significant cost or quality difference.]

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1996 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL FOR FISCAL YEAR 1997

llan	1996	de de la companya de	Committee	Senate Committee recommendation compared with $(+ \text{ or } -)$	nmendation compared or —)
Item	appropriation	Budget estimate	recommendation	1996 appropriation	Budget estimate
TITLE I MILITARY PERSONNEL					
Military Personnel, Army Military Personnel, Navy Military Personnel, Marine Corps Military Personnel, Air Force Reserve Personnel, Air Force Reserve Personnel, Mavy Reserve Personnel, Marine Corps Reserve Personnel, Marine Corps Reserve Personnel, Air Force National Guard Personnel, Army National Guard Personnel, Air Force	\$19,946,187,000 17,008,563,000 5,885,740,000 17,207,743,000 2,122,466,000 1,355,523,000 378,151,000 784,586,000 3,242,422,000 1,559,627,000	\$20,580,738,000 16,942,956,000 6,102,108,000 17,043,150,000 2,043,679,000 1,386,306,000 3,242,493,000 1,284,290,000	\$20,559,042,000 16,943,581,000 6,099,182,000 17,021,810,000 2,052,136,000 1,396,989,000 3,89,325,000 785,842,000 1,295,511,000	+\$612,855,000 -64,982,000 +213,442,000 -185,933,000 -70,331,000 +41,174,000 +1,126,000 +16,747,000 +35,884,000	-\$21,696,000 +625,000 -2,926,000 -21,340,000 +10,683,000 +3,182,000 +9,875,000 +16,676,000 +11,221,000
Total, title I, Military Personnel	69,191,008,000	69,782,830,000	69,802,587,000	+611,579,000	+ 19,757,000
TITLE II OPERATION AND MAINTENANCE Operation and Maintenance, Army (By transfer—National Defense Stockpile) Operation and Maintenance, Navy (By transfer—National Defense Stockpile) Operation and Maintenance, Marine Corps Operation and Maintenance, Air Force (By transfer—National Defense Stockpile) Operation and Maintenance, Defense-Wide (By transfer—National Defense Stockpile) Operation and Maintenance, Defense-Wide	18,321,965,000 (56,000,000) 21,279,425,000 (50,000,000) 2,392,522,000 18,606,167,000 (50,000,000) 10,388,595,000 (15,000,000)	18,031,145,000 (83,334,000) 20,112,864,000 (83,333,000) 2,203,777,000 17,830,122,000 (83,333,000) 10,156,468,000	17,700,859,000 (50,000,000) 20,241,517,000 (50,000,000) 2,275,977,000 17,331,309,000 (50,000,000) 9,953,142,000	-621,106,000 -1,037,908,000 -1,037,908,000 -1,274,838,000 -435,453,000 (-15,000,000)	-330,286,000 (-33,334,000) +128,653,000 (-33,333,000) +72,200,000 -498,813,000 (-33,333,000) -203,326,000

+ 45,000,000 + 17,600,000 + 15,700,000 + 6,400,000 + 67,500,000 - 612,000 - 219,850,000 + 269,850,000 + 269,850,000 + 1,069,957,000	+ 494,429,000 (-100,000,000)	+ 313,000,000 + 216,500,000 + 347,700,000 + 264,901,000 + 668,046,000 + 1,357,752,000 + 99,791,000
+ 10,245,000 + 1,985,000 + 15,084,000 - 24,334,000 - 146,331,000 - 54,148,000 - 336,000 + 356,916,000 + 310,900,000 + 414,700,000 - 1,422,200,000 - 1,422,200,000 - 1,422,200,000 - 1,422,200,000 - 1,600,000 - 1,000,000 + 1,069,957,000	-2,641,032,000	$\begin{array}{c} -274,990,000 \\ +117,274,000 \\ -203,031,000 \\ +7,644,000 \\ +526,043,000 \\ +2,650,310,000 \\ -169,673,000 \\ -430,053,000 \\ -450,628,000 \\ \end{array}$
1,129,436,000 861,527,000 115,367,000 1,494,953,000 2,294,477,000 2,721,973,000 6,185,000 366,916,000 314,700,000 414,700,000 38,650,000 269,850,000 49,000,000	78,956,595,000 (150,000,000)	1,283,815,000 982,829,000 1,449,714,000 1,118,329,000 3,295,486,000 7,239,704,000 1,500,154,000 6,193,330,000
1,084,436,000 843,927,000 99,667,000 1,488,553,000 2,208,477,000 6,797,000 36,916,000 312,900,000 414,700,000 258,500,000 327,900,000 80,544,000	78,462,166,000 (250,000,000)	970,815,000 766,329,000 1,102,014,000 853,428,000 2,627,440,000 5,881,952,000 1,400,363,000
1,119,191,000 859,542,000 100,283,000 1,519,287,000 2,440,808,000 6,521,000 6,521,000 1,422,200,000 300,000,000 50,000,000 (-15,000,000)	81,597,627,000 (150,000,000)	1,558,805,000 865,555,000 1,652,745,000 1,110,685,000 2,769,443,000 4,589,334,000 1,669,827,000 430,053,000 6,643,958,000
Operation and Maintenance, Army Reserve Operation and Maintenance, Navy Reserve Operation and Maintenance, Marine Corps Reserve Operation and Maintenance, Air Force Reserve Operation and Maintenance, Air Force Reserve Operation and Maintenance, Army National Guard United States Court of Appeals for the Armed Forces Environmental Restoration, Army Environmental Restoration, Air Force Environmental Restoration, Defense-Wide Environmental Restoration, Defense, Sites Environmental Restoration, Defense Environmental Restoration, Defense Formerly Used Defense sites Environmental Restoration, Defense Formerly Used Defense sites Formerly Used Defense sites Formerly Used Defense sites Formerly Used Defense sites Formerly Union threat reduction Overseas Humanitarian, Disaster, and Civic Aid (Transfer out) Overseas Contingency operations transfer account Quality of Life Enhancements, Defense Reduction of funds	Total, title II, Operation and maintenance	Aircraft Procurement, Army Missile Procurement, Army Procurement of Weapons and Tracked Combat Vehicles, Army Procurement of Ammunition, Army Aircraft Procurement, Navy Weapons Procurement, Navy Weapons Procurement, Navy Weapons Procurement, Navy Procurement of Ammunition, Navy and Marine Corps Shipbuilding and Conversion, Navy

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1996 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL FOR FISCAL YEAR 1997—Continued

Hom	1996	Budget actimate	Committee	Senate Committee recommendation compared with $(+ \text{ or } -)$	nmendation compared or $-$)
ונפוו	appropriation	Duuget extilliate	recommendation	1996 appropriation	Budget estimate
Other Procurement, Navy Procurement, Navy Procurement, Marine Corps Aircraft Procurement, Air Force Missile Procurement, Air Force Procurement of Ammunition, Air Force Other Procurement, Air Force Procurement, Defense-Wirde Procurement, Defense-Wirde National Guard and Reserve Equipment	2,483,581,000 458,947,000 7,367,983,000 2,943,931,000 338,800,000 6,284,230,000 2,124,379,000 777,000,000	2,714,195,000 555,507,000 5,779,228,000 2,733,877,000 5,998,819,000 1,841,212,000	2,944,519,000 660,507,000 6,630,370,000 2,713,944,000 5,577,787,000 1,773,794,000 759,800,000	+ 460,938,000 + 201,560,000 - 737,613,000 - 229,987,000 - 338,800,000 - 706,443,000 - 350,585,000 - 17,200,000	+ 230,324,000 + 105,000,000 + 851,142,000 - 19,933,000 - 421,032,000 - 67,418,000 + 759,800,000
Total, title III, Procurement	44,069,316,000	38,137,109,000	44,124,082,000	+54,766,000	+ 5,986,973,000
RESEARCH, DEVELOPMENT, TEST AND EVALUATION Research, Development, Test and Evaluation, Army (By transfer) Research, Development, Test and Evaluation, Navy Research, Development, Test and Evaluation, Air Force Research, Development, Test and Evaluation, Defense-Wide Developmental Test and Evaluation, Defense Operational Test and Evaluation, Defense	4,870,684,000 (8,000,000) 8,758,132,000 13,126,567,000 9,461,057,000 251,082,000 22,587,000	4,320,640,000 7,334,734,000 14,417,456,000 8,398,836,000 252,038,000 21,968,000	5,107,283,000 8,067,543,000 14,778,540,000 9,190,092,000 269,038,000 21,968,000	$\begin{array}{c} +236,599,000\\ (-8,000,000)\\ -690,589,000\\ +1,651,973,000\\ -270,965,000\\ +17,956,000\\ -619,000\end{array}$	+ 786,643,000 + 732,809,000 + 361,084,000 + 791,256,000 + 17,000,000
Total, title IV, Research, Development, Test and Evaluation	36,490,109,000	34,745,672,000	37,434,464,000	+944,355,000	+2,688,792,000
TITLE V REVOLVING AND MANAGEMENT FUNDS Defense business operations fund	878,700,000	947,900,000	947,900,000	+ 69,200,000	

				1	63				
+ 130,000,000	+130,000,000	+130,000,000	+578,350,000	+628,350,000	+ 1,000,000 - 82,400,000 + 40,000,000	-41,400,000	+ 146,300,000 + 656,000	+733,906,000	- 12,200,000 + 3,000,000
$-28,000,000\\+96,782,000$	+68,782,000	+137,982,000	-1,687,000 (+8,000,000) +31,437,000	+ 29,750,000	+ 125,097,000 - 73,800,000 + 34,900,000	+86,197,000	+ 100,592,000 - 39,069,000	+177,470,000	- 29,700,000 + 4,056,000 - 2,400,000
261,000,000 832,002,000	1,093,002,000	2,040,902,000	9,936,638,000	10,256,108,000	478,947,000 191,200,000 88,300,000	758,447,000	789,024,000 139,157,000	11,942,736,000	184,200,000 94,739,000 5,100,000
261,000,000 702,002,000	963,002,000	1,910,902,000	9,358,288,000	9,627,758,000	477,947,000 273,600,000 48,300,000	799,847,000	642,724,000 138,501,000	11,208,830,000	196,400,000 91,739,000 5,100,000
289,000,000 735,220,000	1,024,220,000	1,902,920,000	9,938,325,000 (-8,000,000) 288,033,000	10,226,358,000	353,850,000 265,000,000 53,400,000	672,250,000	688,432,000 178,226,000	11,765,266,000	213,900,000 90,683,000 7,500,000
National Defense Sealift Fund: Ready Reserve Force Acquisition Acq	Total	Total, title V, Revolving and Management Funds	TITLE VI OTHER DEPARTMENT OF DEFENSE PROGRAMS Defense health program: Operation and maintenance (Transfer out) Procurement	Total, Defense Health Program	Chemical Agents and Munitions Destruction, Defense: Operation and maintenance Procurement Research, development, test, and evaluation	Total, Chemical Agents	Drug Interdiction Defense	Total, title VI, Other Department of Defense Programs	TITLE VII RELATED AGENCIES Central Intelligence Agency Retirement and Disability System Fund Intelligence Community Management Account

COMPARATIVE STATEMENT OF NEW BUDGET (OBLIGATIONAL) AUTHORITY FOR FISCAL YEAR 1996 AND BUDGET ESTIMATES AND AMOUNTS RECOMMENDED IN THE BILL FOR FISCAL YEAR 1997—Continued

Hom	1996	D. oderste en de de	Committee	Senate Committee recommendation compared with $(+ \text{ or } -)$	nmendation compared or -)
ILEIT	appropriation	budget estimate	recommendation	1996 appropriation	Budget estimate
Payment to Kaho'olawe Island conveyance remediation and Environmental Restoration Fund	25,000,000	10,000,000	10,000,000	-15,000,000	
Total, title VII, Related agencies	337,083,000	303,239,000	294,039,000	-43,044,000	-9,200,000
TITLE VIII GENERAL PROVISIONS					
Additional transfer authority (sec. 8005)	(3,100,000,000)	(2,000,000,000)	(1,200,000,000)	(-1,900,000,000) + 30,000,000	(-800,000,000)
Rescissions	-561.217.000			+561.217.000	
	-832,000,000			+832,000,000	
Management efficiencies	-442,000,000			+442,000,000	
Disposal and lease of DOD real property (sec. 8042)	8,000,000	26,565,000	26,565,000	+18,565,000	
Overseas military rac investment recovery (sec. 6043)	85,000	120,000	120,000	+1,000,000 + 35,000 + 35,000	
Rescissions (sec. 8062):			•	•	
RDTE, Air Force fiscal year 1996/97			-75,000,000	-75,000,000	-75,000,000
Missile Procurement, Air Force fiscal year 1995/9/ Missila Procurament Air Force fiscal year 1996/98			-31,900,000	-31,900,000	-31,900,000
Coast Guard transfer (sec 8075)			300,000,000	+ 300,000,000	+ 300.000.000
Excess funded carryover (sec. 8076)					
			1,000,000	+1,000,000	+1,000,000
Air Force DBOF pass through (sec. 8082)					
Spare parts inventories (sec. 8089)					
FFRDC limitation (sec. 8093)	-90,000,000		-52,286,000	+37,714,000	-52,286,000
Prostate Cancer research (sec. 8097)			(93,000,000)	(+33,000,000)	(+63,000,000)

Total, title VIII	-1,947,132,000	27,685,000	149,499,000	+2,096,631,000	+121,814,000
Grand total	243,406,197,000	234,578,433,000	244,744,904,000	+ 1,338,707,000	+10,166,471,000
ncluded in budget under procurement title.					